

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022515.D
 Acq On : 21 Oct 2024 21:32
 Operator : RC/JU
 Sample : PB164300BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SLCS300

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/25/2024

Supervised By :mohammad
ahmed

10/25/2024

Quant Time: Oct 22 01:46:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	85285	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	348257	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	293861	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	725996	20.000	ng/u1	-0.01
79) Chrysene-d12	21.504	240	762005	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	881720	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	10767	4.906	ng/uL	0.00
4) Pyridine-d5	3.605	84	163400	27.121	ng/u1	0.00
7) Phenol-d5	6.858	99	220253	30.680	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	115920	27.473	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	161032	31.612	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	181528	31.685	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	78132	29.178	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	96075	30.990	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	206791	31.384	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	198405	25.483	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	658976	28.224	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	696178	28.074	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	111998	28.594	ng/u1	0.00
60) Fluorene-d10	15.287	176	572676	28.279	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	135962	28.475	ng/u1	0.02
73) Anthracene-d10	17.175	188	978534	28.652	ng/u1	0.00
81) Pyrene-d10	19.551	212	1224153	30.379	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	1395445	29.635	ng/u1	0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.228	88	22830	9.675	ng/uL	99
5) Pyridine	3.623	79	165723	26.826	ng/u1	100
6) Benzaldehyde	6.822	77	35949	9.266	ng/u1	97
8) Phenol	6.881	94	230763	30.896	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.099	93	159062	28.455	ng/u1	98
12) 2-Chlorophenol	7.240	128	164314	31.193	ng/u1	97
13) 2-Methylphenol	8.105	108	170704	31.492	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.175	45	180585	27.797	ng/u1	98
16) Acetophenone	8.475	105	272239	28.782	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.463	70	145425	30.347	ng/u1	97
18) 4-Methylphenol	8.434	108	189798	31.563	ng/u1	93
19) Hexachloroethane	8.722	117	70070	28.562	ng/u1	97
22) Nitrobenzene	8.846	77	215976	27.021	ng/u1	96
23) Isophorone	9.369	82	415148	28.968	ng/u1	98
25) 2-Nitrophenol	9.552	139	100593	30.108	ng/u1	99
26) 2,4-Dimethylphenol	9.616	107	220464	30.358	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.840	93	231833	28.491	ng/u1	98
29) 2,4-Dichlorophenol	10.081	162	207570	31.990	ng/u1	99
30) Naphthalene	10.469	128	524130	28.256	ng/u1	99
32) 4-Chloroaniline	10.587	127	122408	15.927	ng/u1	99
33) Hexachlorobutadiene	10.746	225	155054	28.353	ng/u1	100
34) Caprolactam	11.363	113	61007m	29.164	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	223125	31.517	ng/u1	100
36) 2-Methylnaphthalene	12.081	142	404588	29.714	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022515.D
 Acq On : 21 Oct 2024 21:32
 Operator : RC/JU
 Sample : PB164300BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS300

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 01:46:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

Supervised By :mohammad
 ahmed
 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	402067	28.931	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	300062	27.615	ng/ul	95
40) Hexachlorocyclopentadiene	12.428	237	127242	19.221	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	201998	29.555	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	220881	30.351	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	576495	27.217	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	473760	27.323	ng/ul	99
45) 2-Nitroaniline	13.357	65	147174	28.426	ng/ul	95
47) Dimethylphthalate	13.740	163	650043	27.941	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	135020	30.683	ng/ul	93
50) Acenaphthylene	13.993	152	711941	27.663	ng/ul	99
51) 3-Nitroaniline	14.198	138	105065	25.420	ng/ul	98
52) Acenaphthene	14.345	153	511462	28.104	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	90676	28.006	ng/ul	96
55) 4-Nitrophenol	14.522	109	123926	28.507	ng/ul	95
56) Dibenzofuran	14.687	168	761968	27.873	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	206565	30.208	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.922	232	206466	30.395	ng/ul#	98
59) Diethylphthalate	15.116	149	653901	29.296	ng/ul	98
61) Fluorene	15.340	166	621952	27.922	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	353203	27.729	ng/ul	98
63) 4-Nitroaniline	15.375	138	136299	32.773	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.451	198	143436	27.889	ng/ul	97
67) N-Nitrosodiphenylamine	15.557	169	560965	28.854	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	251670	28.746	ng/ul	99
69) Hexachlorobenzene	16.357	284	310544	28.817	ng/ul	97
70) Atrazine	16.534	200	246643	30.520	ng/ul	95
71) Pentachlorophenol	16.722	266	203848	29.419	ng/ul	96
72) Phenanthrene	17.116	178	1080693	27.823	ng/ul	100
74) Anthracene	17.216	178	1094992	28.249	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	297435	26.907	ng/uL	99
76) Pentachlorobenzene	14.604	250	325486	26.635	ng/uL	99
77) Carbazole	17.492	167	968918	28.250	ng/ul	98
78) Di-n-butylphthalate	18.075	149	1117882	29.457	ng/ul	99
80) Fluoranthene	19.198	202	1419310	30.638	ng/ul	100
82) Pyrene	19.581	202	1503301	30.277	ng/ul	99
83) Butylbenzylphthalate	20.528	149	532481	30.803	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	524080	28.852	ng/ul	97
85) Benzo(a)anthracene	21.486	228	1528089	28.606	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	755557	30.450	ng/ul	99
87) Chrysene	21.557	228	1414903	28.565	ng/ul	99
89) Di-n-octyl phthalate	22.669	149	1277334	30.456	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1617985	29.152	ng/ul	98
91) Benzo(k)fluoranthene	23.810	252	1563508	28.773	ng/ul	99
93) Benzo(a)pyrene	24.616	252	1450178	28.390	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.509	276	1938047m	28.432	ng/ul	
95) Dibenzo(a,h)anthracene	28.551	278	1556097m	28.191	ng/ul	
96) Benzo(g,h,i)perylene	29.633	276	1485264	28.013	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

