

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022750.D
 Acq On : 31 Oct 2024 00:35
 Operator : RC/JU
 Sample : PB164419BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS419

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 23:12:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	120588	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	460265	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	368261	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	910076	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	938014	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	1062545	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	12571	4.051	ng/uL	0.00
4) Pyridine-d5	3.593	84	193987	22.771	ng/u1	0.00
7) Phenol-d5	6.834	99	250841	24.712	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	136768	22.924	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	191296	26.559	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	198994	24.565	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	89774	25.367	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	111938	27.320	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	237567	27.281	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	233886	22.730	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	708127	24.202	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	783585	25.215	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.498	143	118825	24.208	ng/u1	-0.01
60) Fluorene-d10	15.275	176	635328	25.034	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	113981	19.043	ng/u1	0.00
73) Anthracene-d10	17.151	188	1078255	25.186	ng/u1	-0.02
81) Pyrene-d10	19.545	212	1354665	27.310	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1493155	26.313	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	26914	8.066	ng/uL	97
5) Pyridine	3.611	79	192438	22.031	ng/u1	96
6) Benzaldehyde	6.799	77	22602	4.120	ng/u1	88
8) Phenol	6.863	94	262474	24.853	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.075	93	189734	24.005	ng/u1	98
12) 2-Chlorophenol	7.216	128	195057	26.189	ng/u1	96
13) 2-Methylphenol	8.087	108	193438	25.239	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	212998	23.188	ng/u1	98
16) Acetophenone	8.452	105	316467	23.663	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.434	70	162178	23.935	ng/u1	98
18) 4-Methylphenol	8.405	108	209068	24.589	ng/u1	97
19) Hexachloroethane	8.693	117	86572	24.958	ng/u1	96
22) Nitrobenzene	8.822	77	254967	24.136	ng/u1	99
23) Isophorone	9.346	82	449521	23.734	ng/u1	100
25) 2-Nitrophenol	9.522	139	116010	26.272	ng/u1	95
26) 2,4-Dimethylphenol	9.593	107	224787	23.421	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.810	93	254274	23.644	ng/u1	99
29) 2,4-Dichlorophenol	10.057	162	233209	27.195	ng/u1	99
30) Naphthalene	10.440	128	610852	24.917	ng/u1	99
32) 4-Chloroaniline	10.563	127	163358	16.083	ng/u1	95
33) Hexachlorobutadiene	10.716	225	190945	26.419	ng/u1	98
34) Caprolactam	11.346	113	65317m	23.626	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	246523	26.348	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	457635	25.431	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022750.D
 Acq On : 31 Oct 2024 00:35
 Operator : RC/JU
 Sample : PB164419BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS419

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 23:12:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	455202	24.783	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.428	216	349419	25.661	ng/ul	96
40) Hexachlorocyclopentadiene	12.410	237	89056	10.735	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	229167	26.756	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	250020	27.414	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	661422	24.918	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	549894	25.307	ng/ul	98
45) 2-Nitroaniline	13.340	65	160826	24.787	ng/ul	97
47) Dimethylphthalate	13.716	163	695413	23.852	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	148646	26.955	ng/ul	95
50) Acenaphthylene	13.969	152	797713	24.733	ng/ul	99
51) 3-Nitroaniline	14.187	138	131065	25.305	ng/ul	96
52) Acenaphthene	14.316	153	568063	24.908	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	66979	16.508	ng/ul	96
55) 4-Nitrophenol	14.516	109	138508	25.424	ng/ul	94
56) Dibenzofuran	14.663	168	854921	24.955	ng/ul	100
57) 2,4-Dinitrotoluene	14.634	165	226084	26.383	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	230075	27.028	ng/ul	97
59) Diethylphthalate	15.098	149	697106	24.922	ng/ul	98
61) Fluorene	15.322	166	697816	24.999	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.310	204	410813	25.736	ng/ul	98
63) 4-Nitroaniline	15.363	138	150977m	28.968	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	123399	19.140	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	597221	24.505	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	288567	26.294	ng/ul	98
69) Hexachlorobenzene	16.351	284	363745	26.926	ng/ul	96
70) Atrazine	16.522	200	262631	25.925	ng/ul	96
71) Pentachlorophenol	16.710	266	232066	26.717	ng/ul	98
72) Phenanthrene	17.104	178	1232100	25.305	ng/ul	99
74) Anthracene	17.192	178	1210309	24.909	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.046	216	348615	25.158	ng/uL	97
76) Pentachlorobenzene	14.581	250	374662	24.458	ng/uL	99
77) Carbazole	17.475	167	1068959	24.863	ng/ul	100
78) Di-n-butylphthalate	18.069	149	1233927	25.938	ng/ul	100
80) Fluoranthene	19.198	202	1565877	27.459	ng/ul	99
82) Pyrene	19.575	202	1679945	27.486	ng/ul	98
83) Butylbenzylphthalate	20.522	149	588947	27.677	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	472094	21.113	ng/ul	98
85) Benzo(a)anthracene	21.469	228	1679376	25.539	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	813323	26.627	ng/ul	98
87) Chrysene	21.533	228	1543741	25.318	ng/ul	100
89) Di-n-octyl phthalate	22.645	149	1365403	27.016	ng/ul	100
90) Benzo(b)fluoranthene	23.721	252	1746064	26.106	ng/ul#	98
91) Benzo(k)fluoranthene	23.792	252	1724483m	26.335	ng/ul	
93) Benzo(a)pyrene	24.604	252	1585910	25.764	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.468	276	2128945m	25.917	ng/ul	
95) Dibenzo(a,h)anthracene	28.533	278	1702321m	25.592	ng/ul	
96) Benzo(g,h,i)perylene	29.598	276	1628756m	25.492	ng/ul	

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

