

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022195.D
 Acq On : 03 Oct 2024 14:28
 Operator : RC/JU
 Sample : PB163716BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS716

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 04 01:38:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	130609	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.457	136	505463	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	387207	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.098	188	887399	20.000	ng/u1	-0.02
79) Chrysene-d12	21.539	240	860934	20.000	ng/u1	0.00
88) Perylene-d12	24.816	264	1005779	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	14015	4.203	ng/uL	0.00
4) Pyridine-d5	3.634	84	201750	21.167	ng/u1	0.00
7) Phenol-d5	6.881	99	264049	24.715	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	150247	22.838	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	210984	27.294	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	222018	26.225	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	100258	26.501	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.552	143	124243	28.964	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	256597	27.545	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.593	131	264967	23.839	ng/u1	-0.01
46) Dimethylphthalate-d6	13.710	166	774430	25.873	ng/u1	-0.01
49) Acenaphthylene-d8	13.993	160	847188	26.734	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.528	143	120946	23.623	ng/u1	0.00
60) Fluorene-d10	15.310	176	666820	25.186	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.440	200	121273	22.012	ng/u1	0.00
73) Anthracene-d10	17.216	188	1085860	26.211	ng/u1	0.00
81) Pyrene-d10	19.581	212	1295607	29.047	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.598	264	1398226	26.431	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	26773	7.412	ng/uL	99
5) Pyridine	3.652	79	192423	19.871	ng/u1	99
6) Benzaldehyde	6.852	77	145105	24.009	ng/u1	94
8) Phenol	6.911	94	271418	24.343	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.128	93	202598	23.741	ng/u1	97
12) 2-Chlorophenol	7.269	128	214120	26.720	ng/u1	95
13) 2-Methylphenol	8.134	108	202690	25.066	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.205	45	186490	23.557	ng/u1	99
16) Acetophenone	8.505	105	346290	24.590	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.493	70	176615	24.192	ng/u1	97
18) 4-Methylphenol	8.458	108	219825	24.929	ng/u1	99
19) Hexachloroethane	8.758	117	91590	24.212	ng/u1	99
22) Nitrobenzene	8.881	77	269547	23.304	ng/u1	94
23) Isophorone	9.399	82	494667	24.690	ng/u1	97
25) 2-Nitrophenol	9.581	139	128632	28.026	ng/u1	95
26) 2,4-Dimethylphenol	9.646	107	243394	23.409	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.875	93	281024	24.333	ng/u1	98
29) 2,4-Dichlorophenol	10.105	162	248339	26.833	ng/u1	99
30) Naphthalene	10.510	128	680116	25.572	ng/u1	100
32) 4-Chloroaniline	10.610	127	217309	19.741	ng/u1	98
33) Hexachlorobutadiene	10.787	225	203141	24.722	ng/u1	95
34) Caprolactam	11.393	113	67444	24.023	ng/u1	88
35) 4-Chloro-3-methylphenol	11.746	107	256573	25.625	ng/u1	97
36) 2-Methylnaphthalene	12.116	142	503391	25.469	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	498041	24.985	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	370457	25.805	ng/ul#	97
40) Hexachlorocyclopentadiene	12.463	237	178310	19.746	ng/ul	94
41) 2,4,6-Trichlorophenol	12.734	196	227497	26.508	ng/ul	97
42) 2,4,5-Trichlorophenol	12.810	196	247954	26.681	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	708217	25.577	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	586346	26.301	ng/ul	99
45) 2-Nitroaniline	13.381	65	156474	24.273	ng/ul	88
47) Dimethylphthalate	13.763	163	752895	25.044	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	153428	26.621	ng/ul	93
50) Acenaphthylene	14.022	152	862771	26.107	ng/ul	99
51) 3-Nitroaniline	14.216	138	134533	25.639	ng/ul	94
52) Acenaphthene	14.375	153	605383	25.212	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	73047	18.628	ng/ul	98
55) 4-Nitrophenol	14.546	109	126690	21.872	ng/ul	95
56) Dibenzofuran	14.704	168	906219	25.385	ng/ul	97
57) 2,4-Dinitrotoluene	14.669	165	230499	25.952	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.945	232	227656	25.449	ng/ul#	98
59) Diethylphthalate	15.151	149	752024	25.276	ng/ul	98
61) Fluorene	15.369	166	732310	24.666	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	420834	24.621	ng/ul	99
63) 4-Nitroaniline	15.387	138	142617	26.705	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.457	198	132021	22.010	ng/ul	96
67) N-Nitrosodiphenylamine	15.587	169	640963	27.424	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	298666	28.026	ng/ul	98
69) Hexachlorobenzene	16.392	284	369391	28.547	ng/ul	92
70) Atrazine	16.563	200	200273	19.208	ng/ul	99
71) Pentachlorophenol	16.745	266	213529	24.733	ng/ul	100
72) Phenanthrene	17.145	178	1199085	25.771	ng/ul	100
74) Anthracene	17.245	178	1246607	26.328	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.099	216	356437	26.767	ng/ul	100
76) Pentachlorobenzene	14.634	250	395155	26.984	ng/ul	99
77) Carbazole	17.522	167	1029457	24.669	ng/ul	99
78) Di-n-butylphthalate	18.110	149	1251159	26.005	ng/ul	99
80) Fluoranthene	19.228	202	1492998	29.286	ng/ul	100
82) Pyrene	19.610	202	1534639	27.966	ng/ul	97
83) Butylbenzylphthalate	20.557	149	561846	29.379	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.439	252	531477	26.962	ng/ul	98
85) Benzo(a)anthracene	21.516	228	1535423	25.879	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	810374	28.881	ng/ul	99
87) Chrysene	21.580	228	1419038	25.484	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1347959	27.130	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1572220	25.181	ng/ul	98
91) Benzo(k)fluoranthene	23.851	252	1571457	25.253	ng/ul	99
93) Benzo(a)pyrene	24.669	252	1408215	24.478	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.539	276	1922283m	25.626	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	1555696	25.744	ng/ul#	96
96) Benzo(g,h,i)perylene	29.698	276	1497471	25.727	ng/ul	98

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

