

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
 Data File : BP007654.D
 Acq On : 25 Oct 2021 22:47
 Operator : CG/JU
 Sample : PB140192BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS192

Manual Integrations
 APPROVED

mohammad
 10/26/2021 11:34:38 AM

Quant Time: Oct 26 02:39:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 25 16:57:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	186481	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	732085	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	467577	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	999748	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	1046471	20.000	ng/u1	0.00
88) Perylene-d12	23.863	264	1135736	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	26361m	6.421	ng/uL	0.00
4) Pyridine-d5	3.781	84	387191	31.189	ng/u1	0.00
7) Phenol-d5	7.105	99	468108	33.049	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	270655	34.417	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	379812	34.477	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	370342	33.391	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	178776	35.834	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	192779	35.379	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	379236	34.193	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	440040	30.006	ng/u1	0.00
46) Dimethylphthalate-d6	13.987	166	1099444	34.713	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	1322725	34.074	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	198851	34.251	ng/u1	0.00
60) Fluorene-d10	15.569	176	918552	34.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	170365	31.858	ng/u1	0.00
73) Anthracene-d10	17.428	188	1425331	34.692	ng/u1	0.00
81) Pyrene-d10	19.663	212	1759829	36.121	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	1862407	33.381	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	60014	13.076	ng/uL	95
5) Pyridine	3.805	79	408597	33.601	ng/u1	99
6) Benzaldehyde	7.075	77	303502	44.571	ng/u1	99
8) Phenol	7.134	94	514062	35.921	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.358	93	407391	36.109	ng/u1	98
12) 2-Chlorophenol	7.505	128	416072	37.255	ng/u1	98
13) 2-Methylphenol	8.387	108	386279	35.732	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.475	45	475879	37.136	ng/u1	97
16) Acetophenone	8.763	105	589148	35.591	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.752	70	288453	36.638	ng/u1	95
18) 4-Methylphenol	8.716	108	416960	36.169	ng/u1	96
19) Hexachloroethane	9.022	117	168836	36.939	ng/u1	95
22) Nitrobenzene	9.140	77	442198	37.564	ng/u1	95
23) Isophorone	9.675	82	833661	37.020	ng/u1	97
25) 2-Nitrophenol	9.852	139	224244	38.236	ng/u1	95
26) 2,4-Dimethylphenol	9.916	107	459880	36.830	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.152	93	528479	36.608	ng/u1	99
29) 2,4-Dichlorophenol	10.393	162	398877	36.708	ng/u1	98
30) Naphthalene	10.793	128	1230078	35.590	ng/u1	100
32) 4-Chloroaniline	10.899	127	474183	31.766	ng/u1	100
33) Hexachlorobutadiene	11.087	225	283391	35.772	ng/u1	99
34) Caprolactam	11.675	113	123302m	34.607	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	420857	37.411	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	853918	35.937	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	857320	35.734	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	504875	35.597	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	299199	32.530	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	328843	36.850	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	356532	37.105	ng/ul	98
43) 1,1'-Biphenyl	13.410	154	1152007	35.664	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	882876	35.270	ng/ul	100
45) 2-Nitroaniline	13.651	65	244326	38.688	ng/ul	94
47) Dimethylphthalate	14.034	163	1148601	36.690	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	233784	39.099	ng/ul	92
50) Acenaphthylene	14.298	152	1415623	36.019	ng/ul	99
51) 3-Nitroaniline	14.475	138	224953	35.472	ng/ul#	97
52) Acenaphthene	14.640	153	920368	35.507	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	120090	32.178	ng/ul	92
55) 4-Nitrophenol	14.787	109	186154	36.269	ng/ul	92
56) Dibenzofuran	14.975	168	1350570	35.643	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	341047	39.714	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.204	232	291951	37.276	ng/ul	95
59) Diethylphthalate	15.404	149	1140213	37.137	ng/ul	98
61) Fluorene	15.628	166	1042526	35.297	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.622	204	555978	35.496	ng/ul	100
63) 4-Nitroaniline	15.640	138	231962	39.398	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	186207	34.593	ng/ul	98
67) N-Nitrosodiphenylamine	15.834	169	945574	36.660	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	358383	36.764	ng/ul	96
69) Hexachlorobenzene	16.634	284	414159	36.689	ng/ul	97
70) Atrazine	16.792	200	377283	35.278	ng/ul	98
71) Pentachlorophenol	16.981	266	244926	34.937	ng/ul	98
72) Phenanthrene	17.375	178	1764589	36.518	ng/ul	100
74) Anthracene	17.463	178	1744380	36.293	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	508781	34.808	ng/ul	99
76) Pentachlorobenzene	14.898	250	486684	34.530	ng/ul	99
77) Carbazole	17.734	167	1616857	36.439	ng/ul	99
78) Di-n-butylphthalate	18.292	149	1904694	37.494	ng/ul	100
80) Fluoranthene	19.339	202	2217147	37.132	ng/ul	97
82) Pyrene	19.692	202	2225691	36.829	ng/ul	96
83) Butylbenzylphthalate	20.569	149	904472	38.465	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.328	252	729073	37.592	ng/ul	98
85) Benzo(a)anthracene	21.398	228	2294262	36.919	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1316373	37.675	ng/ul	99
87) Chrysene	21.457	228	2217735	36.910	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	2334456	36.900	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	2486173	37.151	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	2308563	36.863	ng/ul	99
93) Benzo(a)pyrene	23.757	252	2404879	37.090	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	2901575	37.569	ng/ul	98
95) Dibenzo(a,h)anthracene	26.439	278	2471216	37.338	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	2500477	38.064	ng/ul	97

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

