

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
 Data File : BP007408.D
 Acq On : 14 Oct 2021 08:55
 Operator : CG/JU
 Sample : SST00522
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005622

Quant Time: Oct 14 11:28:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 14 11:25:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	211304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	864437	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	576175	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	1233041	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1288184	20.000	ng/ul	0.00
88) Perylene-d12	23.898	264	1305404	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	11460	2.158	ng/uL	0.00
4) Pyridine-d5	3.799	84	72561	5.244	ng/ul	0.00
7) Phenol-d5	7.116	99	76834	4.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	49021	5.496	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	60185	4.800	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	57595	4.723	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	23043	4.401	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	18358	3.561	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	55786	4.590	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	85092	5.062	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	193340	5.181	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	238282	5.042	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	22600	3.486	ng/ul	0.00
60) Fluorene-d10	15.592	176	166899	5.067	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	14998	2.750	ng/ul	0.00
73) Anthracene-d10	17.451	188	264622	5.184	ng/ul	0.00
81) Pyrene-d10	19.686	212	307796	5.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	302909	4.810	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	12654	2.142	ng/uL	96
5) Pyridine	3.817	79	74057	5.335	ng/ul	94
6) Benzaldehyde	7.093	77	57232	5.783	ng/ul	96
8) Phenol	7.140	94	83430	5.197	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.381	93	67508	5.252	ng/ul	98
12) 2-Chlorophenol	7.522	128	63178	4.912	ng/ul	99
13) 2-Methylphenol	8.405	108	60254	4.942	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	88685	5.974	ng/ul	98
16) Acetophenone	8.787	105	105287	5.629	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	50490	5.794	ng/ul	99
18) 4-Methylphenol	8.728	108	65209	4.987	ng/ul	97
19) Hexachloroethane	9.057	117	26614	5.081	ng/ul	99
22) Nitrobenzene	9.163	77	61657	4.866	ng/ul	96
23) Isophorone	9.693	82	140885	5.599	ng/ul	98
25) 2-Nitrophenol	9.875	139	21974	3.814	ng/ul	93
26) 2,4-Dimethylphenol	9.940	107	71673	5.135	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	90790	5.450	ng/ul	97
29) 2,4-Dichlorophenol	10.416	162	57133	4.746	ng/ul	97
30) Naphthalene	10.822	128	210547	5.021	ng/ul	99
32) 4-Chloroaniline	10.922	127	89267	5.214	ng/ul	99
33) Hexachlorobutadiene	11.128	225	41404	4.986	ng/ul	96
34) Caprolactam	11.663	113	13931	3.883	ng/ul	92
35) 4-Chloro-3-methylphenol	12.046	107	61663	5.051	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.434	142	143927	5.120	ng/ul	100
37) 1-Methylnaphthalene	12.651	142	146725	5.116	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.798	216	80055	4.852	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	43142	4.052	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	42625	4.464	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	45795	4.302	ng/ul	97
43) 1,1'-Biphenyl	13.440	154	203114	5.063	ng/ul	100
44) 2-Chloronaphthalene	13.475	162	154635	5.000	ng/ul	99
45) 2-Nitroaniline	13.669	65	26682	4.244	ng/ul	96
47) Dimethylphthalate	14.057	163	194295	5.162	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	23444	3.730	ng/ul	96
50) Acenaphthylene	14.322	152	248769	5.073	ng/ul	99
51) 3-Nitroaniline	14.493	138	26289	3.649	ng/ul#	92
52) Acenaphthene	14.669	153	164299	5.060	ng/ul	99
53) 2,4-Dinitrophenol	14.693	184	9560	2.707	ng/ul#	83
55) 4-Nitrophenol	14.787	109	21176	4.444	ng/ul	97
56) Dibenzofuran	14.998	168	239250	5.106	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	33522	3.732	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.222	232	34704	4.046	ng/ul#	99
59) Diethylphthalate	15.428	149	191524	5.226	ng/ul	98
61) Fluorene	15.651	166	193495	5.181	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	100061	5.255	ng/ul	96
63) 4-Nitroaniline	15.651	138	28241	3.926	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.716	198	14906	2.684	ng/ul#	95
67) N-Nitrosodiphenylamine	15.857	169	167813	5.167	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	53990	4.631	ng/ul	98
69) Hexachlorobenzene	16.663	284	66028	4.885	ng/ul	99
70) Atrazine	16.816	200	57777	4.698	ng/ul	95
71) Pentachlorophenol	17.004	266	26057	3.365	ng/ul	99
72) Phenanthrene	17.398	178	314481	5.120	ng/ul	100
74) Anthracene	17.486	178	317708	5.204	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	83286	4.819	ng/uL	99
76) Pentachlorobenzene	14.922	250	80765	4.828	ng/uL	97
77) Carbazole	17.751	167	288750	5.321	ng/ul	98
78) Di-n-butylphthalate	18.322	149	308887	5.023	ng/ul	98
80) Fluoranthene	19.357	202	379870	5.063	ng/ul	98
82) Pyrene	19.710	202	401916	5.222	ng/ul	99
83) Butylbenzylphthalate	20.592	149	114356	4.267	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	107580	4.025	ng/ul	98
85) Benzo(a)anthracene	21.422	228	389892	5.198	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.369	149	192793	4.826	ng/ul	100
87) Chrysene	21.474	228	381653	5.142	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	292537	4.336	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	389472	5.099	ng/ul	100
91) Benzo(k)fluoranthene	23.192	252	367433	5.139	ng/ul	99
93) Benzo(a)pyrene	23.780	252	367162	4.996	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.462	276	410980	4.821	ng/ul	99
95) Dibenzo(a,h)anthracene	26.486	278	353776	4.796	ng/ul	97
96) Benzo(g,h,i)perylene	27.239	276	350121	4.788	ng/ul	99

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

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