

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
 Data File : BP007722.D
 Acq On : 27 Oct 2021 16:39
 Operator : CG/JU
 Sample : PB140205BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS205

Manual Integrations
 APPROVED

mohammad
 10/28/2021 11:12:07 AM

Quant Time: Oct 27 17:09:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 27 15:37:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	218088	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	880007	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	567611	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1203535	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	1247561	20.000	ng/u1	0.00
88) Perylene-d12	23.863	264	1318138	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	32113	6.689	ng/uL	0.00
4) Pyridine-d5	3.781	84	478190	32.937	ng/u1	0.00
7) Phenol-d5	7.099	99	569968	34.408	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	329942	35.875	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	455294	35.339	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	445881	34.375	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	214877	35.831	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	228462	34.880	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	458267	34.373	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	572249	32.462	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	1313690	34.168	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	1605733	34.074	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	242965	34.474	ng/u1	0.00
60) Fluorene-d10	15.563	176	1109137	34.218	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	203553	31.619	ng/u1	0.00
73) Anthracene-d10	17.422	188	1717188	34.718	ng/u1	0.00
81) Pyrene-d10	19.657	212	2114858	36.411	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	2175797	33.602	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	70779	13.187	ng/uL	94
5) Pyridine	3.799	79	497150	34.958	ng/u1	98
6) Benzaldehyde	7.069	77	363091	45.595	ng/u1	99
8) Phenol	7.122	94	617534	36.897	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.358	93	485681	36.809	ng/u1	97
12) 2-Chlorophenol	7.499	128	490126	37.526	ng/u1	98
13) 2-Methylphenol	8.375	108	462376	36.573	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	574013	38.302	ng/u1	99
16) Acetophenone	8.757	105	702523	36.290	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.746	70	343813	37.341	ng/u1	96
18) 4-Methylphenol	8.705	108	498413	36.968	ng/u1	98
19) Hexachloroethane	9.016	117	199830	37.384	ng/u1	97
22) Nitrobenzene	9.134	77	530408	37.484	ng/u1	96
23) Isophorone	9.663	82	991012	36.610	ng/u1	98
25) 2-Nitrophenol	9.846	139	264583	37.530	ng/u1	94
26) 2,4-Dimethylphenol	9.910	107	529945	35.307	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.146	93	631223	36.375	ng/u1	99
29) 2,4-Dichlorophenol	10.381	162	477005	36.519	ng/u1	98
30) Naphthalene	10.787	128	1466660	35.302	ng/u1	100
32) 4-Chloroaniline	10.893	127	606838	33.820	ng/u1	100
33) Hexachlorobutadiene	11.081	225	330880	34.746	ng/u1	98
34) Caprolactam	11.669	113	143747m	33.564	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	506069	37.424	ng/u1	97
36) 2-Methylnaphthalene	12.398	142	1019959	35.710	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	1025622	35.563	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	598845	34.781	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	329322	29.495	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	392867	36.266	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	427826	36.678	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	1377073	35.119	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	1053371	34.665	ng/ul	99
45) 2-Nitroaniline	13.645	65	297653	38.826	ng/ul	91
47) Dimethylphthalate	14.028	163	1367635	35.987	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	280372	38.626	ng/ul	91
50) Acenaphthylene	14.292	152	1707679	35.792	ng/ul	99
51) 3-Nitroaniline	14.469	138	284003	36.891	ng/ul#	98
52) Acenaphthene	14.634	153	1110725	35.299	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	138718	30.619	ng/ul	95
55) 4-Nitrophenol	14.781	109	215970	34.662	ng/ul	96
56) Dibenzofuran	14.969	168	1616993	35.153	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	402751	38.634	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.198	232	349246	36.733	ng/ul	97
59) Diethylphthalate	15.398	149	1345366	36.096	ng/ul	100
61) Fluorene	15.622	166	1257916	35.084	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	650223	34.196	ng/ul	100
63) 4-Nitroaniline	15.634	138	279849	39.155	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.698	198	219931	33.940	ng/ul	97
67) N-Nitrosodiphenylamine	15.828	169	1124649	36.220	ng/ul	98
68) 4-Bromophenyl-phenylether	16.510	248	417834	35.605	ng/ul	97
69) Hexachlorobenzene	16.634	284	480511	35.359	ng/ul	95
70) Atrazine	16.786	200	436421	33.898	ng/ul	99
71) Pentachlorophenol	16.975	266	293472	34.773	ng/ul	99
72) Phenanthrene	17.369	178	2114325	36.346	ng/ul	100
74) Anthracene	17.463	178	2073974	35.844	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	596806	33.917	ng/ul	99
76) Pentachlorobenzene	14.892	250	573072	33.774	ng/ul	99
77) Carbazole	17.728	167	1938254	36.286	ng/ul	100
78) Di-n-butylphthalate	18.286	149	2283928	37.346	ng/ul	99
80) Fluoranthene	19.333	202	2595672	36.465	ng/ul	99
82) Pyrene	19.686	202	2618301	36.342	ng/ul	99
83) Butylbenzylphthalate	20.563	149	1049879	37.452	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.333	252	875583	37.869	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	2675263	36.111	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1519190	36.472	ng/ul	98
87) Chrysene	21.457	228	2573479	35.927	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2690435	36.642	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	2844712	36.626	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	2727796	37.530	ng/ul	98
93) Benzo(a)pyrene	23.757	252	2791023	37.089	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	3309479	36.921	ng/ul	99
95) Dibenzo(a,h)anthracene	26.445	278	2818587	36.694	ng/ul	99
96) Benzo(g,h,i)perylene	27.204	276	2839133	37.239	ng/ul	98

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

