

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
 Data File : BP007723.D
 Acq On : 27 Oct 2021 17:13
 Operator : CG/JU
 Sample : PB140206BS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS206

Manual Integrations
 APPROVED

mohammad
 10/28/2021 11:12:13 AM

Quant Time: Oct 27 17:38:40 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	221692	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	888527	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	563570	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1205203	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	1235303	20.000	ng/u1	0.00
88) Perylene-d12	23.863	264	1328251	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	32331	6.625	ng/uL	0.00
4) Pyridine-d5	3.781	84	486747	32.981	ng/u1	0.00
7) Phenol-d5	7.099	99	584061	34.686	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	333593	35.683	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	468613	35.782	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	462196	35.054	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	220348	36.391	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	238061	35.997	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	471195	35.004	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	573534	32.223	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	1334626	34.961	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	1628588	34.807	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	248145	35.461	ng/u1	0.00
60) Fluorene-d10	15.563	176	1126724	35.010	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	208329	32.316	ng/u1	0.00
73) Anthracene-d10	17.428	188	1738213	35.095	ng/u1	0.00
81) Pyrene-d10	19.663	212	2156605	37.498	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	2227516	34.138	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	73224	13.421	ng/uL	89
5) Pyridine	3.799	79	508675	35.187	ng/u1	97
6) Benzaldehyde	7.069	77	377298	46.608	ng/u1	97
8) Phenol	7.122	94	636288	37.400	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.358	93	499549	37.245	ng/u1	99
12) 2-Chlorophenol	7.499	128	513493	38.676	ng/u1	98
13) 2-Methylphenol	8.375	108	474682	36.936	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	581210	38.152	ng/u1	97
16) Acetophenone	8.758	105	723760	36.779	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.746	70	353462	37.765	ng/u1	94
18) 4-Methylphenol	8.710	108	513205	37.447	ng/u1	96
19) Hexachloroethane	9.016	117	208051	38.289	ng/u1	94
22) Nitrobenzene	9.134	77	540951	37.862	ng/u1	96
23) Isophorone	9.663	82	1016511	37.192	ng/u1	98
25) 2-Nitrophenol	9.846	139	274730	38.596	ng/u1	96
26) 2,4-Dimethylphenol	9.910	107	544949	35.959	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.146	93	646977	36.925	ng/u1	99
29) 2,4-Dichlorophenol	10.381	162	487690	36.979	ng/u1	98
30) Naphthalene	10.787	128	1515276	36.123	ng/u1	99
32) 4-Chloroaniline	10.893	127	618024	34.113	ng/u1	98
33) Hexachlorobutadiene	11.081	225	346457	36.033	ng/u1	99
34) Caprolactam	11.669	113	154531m	35.736	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	520722	38.139	ng/u1	98
36) 2-Methylnaphthalene	12.398	142	1050266	36.418	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	1053542	36.181	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	619337	36.230	ng/ul#	96
40) Hexachlorocyclopentadiene	12.751	237	347443	31.341	ng/ul	100
41) 2,4,6-Trichlorophenol	13.004	196	398368	37.037	ng/ul	96
42) 2,4,5-Trichlorophenol	13.075	196	439076	37.913	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	1407706	36.157	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	1099072	36.428	ng/ul	98
45) 2-Nitroaniline	13.645	65	307222	40.362	ng/ul	95
47) Dimethylphthalate	14.028	163	1398898	37.074	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	290726	40.340	ng/ul	91
50) Acenaphthylene	14.293	152	1734724	36.620	ng/ul	99
51) 3-Nitroaniline	14.469	138	295761	38.693	ng/ul#	96
52) Acenaphthene	14.634	153	1139517	36.474	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	147916	32.883	ng/ul	98
55) 4-Nitrophenol	14.781	109	225116	36.389	ng/ul	93
56) Dibenzofuran	14.969	168	1654560	36.228	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	413460	39.946	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.198	232	360931	38.234	ng/ul	97
59) Diethylphthalate	15.398	149	1369866	37.017	ng/ul	98
61) Fluorene	15.622	166	1282168	36.016	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	669983	35.488	ng/ul	99
63) 4-Nitroaniline	15.634	138	290442	40.929	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.698	198	228996	35.290	ng/ul	99
67) N-Nitrosodiphenylamine	15.828	169	1155288	37.155	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	429592	36.556	ng/ul	95
69) Hexachlorobenzene	16.634	284	493144	36.238	ng/ul	95
70) Atrazine	16.786	200	455230	35.310	ng/ul	98
71) Pentachlorophenol	16.975	266	302101	35.746	ng/ul	99
72) Phenanthrene	17.369	178	2172668	37.298	ng/ul	100
74) Anthracene	17.463	178	2139483	36.925	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	615292	34.919	ng/ul	99
76) Pentachlorobenzene	14.892	250	591530	34.814	ng/ul	100
77) Carbazole	17.728	167	1989989	37.203	ng/ul	99
78) Di-n-butylphthalate	18.286	149	2334476	38.120	ng/ul	99
80) Fluoranthene	19.333	202	2716349	38.538	ng/ul	99
82) Pyrene	19.686	202	2716414	38.078	ng/ul	99
83) Butylbenzylphthalate	20.563	149	1095007	39.450	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.333	252	918992	40.141	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	2763540	37.673	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1581188	38.337	ng/ul	98
87) Chrysene	21.457	228	2664845	37.572	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2814764	38.043	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	2951983	37.718	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	2849837	38.911	ng/ul	99
93) Benzo(a)pyrene	23.757	252	2903136	38.285	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	3408474	37.736	ng/ul	100
95) Dibenzo(a,h)anthracene	26.433	278	2912784	37.631	ng/ul	99
96) Benzo(g,h,i)perylene	27.204	276	2937537	38.236	ng/ul	98

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

