

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
 Data File : BP007577.D
 Acq On : 22 Oct 2021 07:05
 Operator : CG/JU
 Sample : PB140021BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS021

Manual Integrations
 APPROVED

mohammad
 10/22/2021 2:55:06 PM

Quant Time: Oct 22 07:32:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 20 10:49:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	253509	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	1022606	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	647833	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	1373521	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	1346967	20.000	ng/u1	0.00
88) Perylene-d12	23.874	264	1434354	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	33401	5.204	ng/uL	0.00
4) Pyridine-d5	3.787	84	495939	28.226	ng/u1	0.00
7) Phenol-d5	7.111	99	628367	31.739	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	358724	30.379	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	499599	32.078	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	499979	32.786	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	241583	37.330	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	257358	42.575	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	502250	34.065	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	611214	30.656	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	1419400	31.669	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	1756845	31.190	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	261806	36.404	ng/u1	0.00
60) Fluorene-d10	15.575	176	1212923	32.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	195023	35.435	ng/u1	0.00
73) Anthracene-d10	17.434	188	1843841	31.610	ng/u1	0.00
81) Pyrene-d10	19.669	212	2239783	33.262	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.716	264	2256680	31.619	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	69170	9.907	ng/uL	90
5) Pyridine	3.811	79	496727	29.231	ng/u1	97
6) Benzaldehyde	7.081	77	376727	33.867	ng/u1	97
8) Phenol	7.134	94	629123	31.081	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.369	93	495517	30.333	ng/u1	99
12) 2-Chlorophenol	7.511	128	501055	31.337	ng/u1	97
13) 2-Methylphenol	8.387	108	472160	30.967	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	581846	27.950	ng/u1	98
16) Acetophenone	8.769	105	717972	30.777	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.763	70	348798	28.901	ng/u1	94
18) 4-Methylphenol	8.716	108	503683	31.015	ng/u1	99
19) Hexachloroethane	9.034	117	199850	29.853	ng/u1	94
22) Nitrobenzene	9.146	77	539013	32.440	ng/u1	96
23) Isophorone	9.681	82	1018797	29.288	ng/u1	98
25) 2-Nitrophenol	9.863	139	271268	38.715	ng/u1	93
26) 2,4-Dimethylphenol	9.928	107	544766	30.451	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.163	93	647561	30.044	ng/u1	99
29) 2,4-Dichlorophenol	10.399	162	481457	33.223	ng/u1	98
30) Naphthalene	10.804	128	1505932	30.280	ng/u1	100
32) 4-Chloroaniline	10.904	127	608707	30.172	ng/u1	100
33) Hexachlorobutadiene	11.099	225	335337	32.959	ng/u1	100
34) Caprolactam	11.681	113	152138m	40.022	ng/u1	
35) 4-Chloro-3-methylphenol	12.034	107	514473	32.680	ng/u1	96
36) 2-Methylnaphthalene	12.410	142	1042927	30.683	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1048924	30.484	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	606516	32.389	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	294341	24.928	ng/ul	97
41) 2,4,6-Trichlorophenol	13.016	196	396479	36.007	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	430228	37.529	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	1394480	30.200	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	1078415	30.322	ng/ul	99
45) 2-Nitroaniline	13.657	65	304819	36.864	ng/ul	94
47) Dimethylphthalate	14.040	163	1358591	30.518	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	281792	38.171	ng/ul	94
50) Acenaphthylene	14.304	152	1713181	30.167	ng/ul	100
51) 3-Nitroaniline	14.481	138	289613	35.208	ng/ul#	95
52) Acenaphthene	14.645	153	1108257	30.137	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	122784	36.005	ng/ul	93
55) 4-Nitrophenol	14.787	109	215858	33.223	ng/ul	96
56) Dibenzofuran	14.981	168	1625790	30.447	ng/ul	98
57) 2,4-Dinitrotoluene	14.940	165	406218	39.176	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.210	232	356879	37.515	ng/ul	96
59) Diethylphthalate	15.410	149	1351847	30.455	ng/ul	99
61) Fluorene	15.634	166	1237064	30.577	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	644146	31.270	ng/ul	99
63) 4-Nitroaniline	15.645	138	281197	38.560	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.704	198	194681	34.196	ng/ul	96
67) N-Nitrosodiphenylamine	15.839	169	1124317	30.404	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	423529	34.231	ng/ul	95
69) Hexachlorobenzene	16.645	284	484021	32.522	ng/ul	97
70) Atrazine	16.798	200	430463	30.749	ng/ul	99
71) Pentachlorophenol	16.986	266	302022	36.659	ng/ul	99
72) Phenanthrene	17.381	178	2094740	30.507	ng/ul	100
74) Anthracene	17.469	178	2060484	30.003	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	611026	30.671	ng/ul	99
76) Pentachlorobenzene	14.904	250	575119	30.969	ng/ul	99
77) Carbazole	17.734	167	1935462	32.084	ng/ul	100
78) Di-n-butylphthalate	18.298	149	2316012	31.252	ng/ul	99
80) Fluoranthene	19.345	202	2601448	31.136	ng/ul	98
82) Pyrene	19.698	202	2584927	30.680	ng/ul	97
83) Butylbenzylphthalate	20.575	149	1065210	34.436	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.339	252	826321	32.243	ng/ul#	98
85) Benzo(a)anthracene	21.410	228	2598404	31.397	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1497644	31.668	ng/ul	99
87) Chrysene	21.463	228	2492986	31.095	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2680852	33.123	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	2815733	32.253	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	2504360	30.765	ng/ul	99
93) Benzo(a)pyrene	23.763	252	2661638	31.873	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	3110783	32.156	ng/ul	99
95) Dibenzo(a,h)anthracene	26.457	278	2653243	32.209	ng/ul	99
96) Benzo(g,h,i)perylene	27.221	276	2687155	32.253	ng/ul	97

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

