

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
 Data File : BP006620.D
 Acq On : 10 Aug 2021 12:51
 Operator : CG/JU
 Sample : SST02010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020610

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:27:33 PM

Quant Time: Aug 10 13:23:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 13:23:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	146174	20.000	ng/u1	0.00
20) Naphthalene-d8	10.505	136	652878	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	389669	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	776535	20.000	ng/u1	0.00
79) Chrysene-d12	21.216	240	755276	20.000	ng/u1	0.00
88) Perylene-d12	23.533	264	793560	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	38504	9.833	ng/uL	0.00
4) Pyridine-d5	3.634	84	269661	23.196	ng/u1	0.00
7) Phenol-d5	6.899	99	309096	22.515	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	195468	22.883	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	237963	23.331	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	247448	22.920	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	122997	25.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	128812	27.751	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	219902	24.176	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	352771	23.558	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	670307	24.169	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	808035	23.715	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	136026	24.702	ng/u1	0.00
60) Fluorene-d10	15.357	176	545148	23.382	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	104507	24.141	ng/u1	0.00
73) Anthracene-d10	17.216	188	821108	23.424	ng/u1	0.00
81) Pyrene-d10	19.463	212	880511	22.666	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.380	264	968901	24.026	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	40270	9.740	ng/uL	100
5) Pyridine	3.652	79	271786	22.418	ng/u1	100
6) Benzaldehyde	6.869	77	142286	18.996	ng/u1	100
8) Phenol	6.928	94	318594	22.703	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.158	93	256000	23.192	ng/u1	100
12) 2-Chlorophenol	7.287	128	245189	23.712	ng/u1	100
13) 2-Methylphenol	8.169	108	235831	23.030	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.258	45	299740m	24.306	ng/u1	
16) Acetophenone	8.546	105	402532	24.246	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.534	70	223004	25.676	ng/u1	100
18) 4-Methylphenol	8.499	108	260294	23.671	ng/u1	100
19) Hexachloroethane	8.787	117	108602	25.676	ng/u1	100
22) Nitrobenzene	8.922	77	333105	26.410	ng/u1	100
23) Isophorone	9.452	82	630606	27.967	ng/u1	100
25) 2-Nitrophenol	9.628	139	139262	27.207	ng/u1	100
26) 2,4-Dimethylphenol	9.699	107	299954	24.710	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.934	93	365778	25.261	ng/u1	100
29) 2,4-Dichlorophenol	10.158	162	216728	24.286	ng/u1	100
30) Naphthalene	10.558	128	817123	24.123	ng/u1	100
32) 4-Chloroaniline	10.675	127	343153	23.262	ng/u1	100
33) Hexachlorobutadiene	10.840	225	129009	23.697	ng/u1	100
34) Caprolactam	11.463	113	86870	28.191	ng/u1	100
35) 4-Chloro-3-methylphenol	11.805	107	282780	26.544	ng/u1	100
36) 2-Methylnaphthalene	12.175	142	556099	23.959	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	535159	22.906	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.546	216	239184	22.777	ng/ul	100
40) Hexachlorocyclopentadiene	12.516	237	143138	20.953	ng/ul	100
41) 2,4,6-Trichlorophenol	12.793	196	164853	25.334	ng/ul	100
42) 2,4,5-Trichlorophenol	12.857	196	173173	24.323	ng/ul	100
43) 1,1'-Biphenyl	13.193	154	691359	23.668	ng/ul	100
44) 2-Chloronaphthalene	13.234	162	531969	24.121	ng/ul	100
45) 2-Nitroaniline	13.446	65	190762	29.281	ng/ul	100
47) Dimethylphthalate	13.828	163	692370	25.434	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	137418	27.612	ng/ul	100
50) Acenaphthylene	14.081	152	840244	25.323	ng/ul	100
51) 3-Nitroaniline	14.275	138	127989	21.949	ng/ul	100
52) Acenaphthene	14.422	153	598157	24.570	ng/ul	100
53) 2,4-Dinitrophenol	14.487	184	75642	25.627	ng/ul	100
55) 4-Nitrophenol	14.593	109	124203	27.885	ng/ul	100
56) Dibenzofuran	14.763	168	783997	24.013	ng/ul	100
57) 2,4-Dinitrotoluene	14.740	165	201248	28.297	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.993	232	145744	26.250	ng/ul	100
59) Diethylphthalate	15.198	149	731966	25.960	ng/ul	100
61) Fluorene	15.416	166	657677	24.489	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.416	204	297388	23.752	ng/ul	100
63) 4-Nitroaniline	15.440	138	124586	21.753	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.498	198	114943	27.161	ng/ul	100
67) N-Nitrosodiphenylamine	15.628	169	545683	23.655	ng/ul	100
68) 4-Bromophenyl-phenylether	16.310	248	178039	28.629	ng/ul	100
69) Hexachlorobenzene	16.416	284	199289	23.895	ng/ul	100
70) Atrazine	16.593	200	194165	24.322	ng/ul	100
71) Pentachlorophenol	16.769	266	120177	22.921	ng/ul	100
72) Phenanthrene	17.157	178	1021861	24.506	ng/ul	100
74) Anthracene	17.251	178	1036207	24.508	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.152	216	235781	22.151	ng/uL	100
76) Pentachlorobenzene	14.681	250	232942	22.448	ng/uL	100
77) Carbazole	17.528	167	930747	24.065	ng/ul	100
78) Di-n-butylphthalate	18.092	149	1248251	27.004	ng/ul	100
80) Fluoranthene	19.134	202	1153382	24.095	ng/ul	100
82) Pyrene	19.492	202	1194265	24.043	ng/ul	100
83) Butylbenzylphthalate	20.381	149	596205	29.253	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.139	252	369865	22.226	ng/ul	100
85) Benzo(a)anthracene	21.204	228	1123879	24.014	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.145	149	903337	28.309	ng/ul	100
87) Chrysene	21.251	228	1097639	24.468	ng/ul	100
89) Di-n-octyl phthalate	22.045	149	1559381	28.198	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	1174738	23.306	ng/ul	100
91) Benzo(k)fluoranthene	22.875	252	1160615	24.261	ng/ul	100
93) Benzo(a)pyrene	23.433	252	1084053	24.605	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.927	276	1403282	24.882	ng/ul	100
95) Dibenzo(a,h)anthracene	25.945	278	1187437	24.859	ng/ul	100
96) Benzo(g,h,i)perylene	26.657	276	1171342	25.138	ng/ul	100

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

