

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030826.D
 Acq On : 06 Jul 2021 19:05
 Operator : CG/JU
 Sample : PB137437BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS437

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:35 PM

Quant Time: Jul 07 01:29:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	85549	20.000	ng/ul	0.00
20) Naphthalene-d8	10.551	136	358165	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	223361	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	421234	20.000	ng/ul	0.00
79) Chrysene-d12	21.303	240	351051	20.000	ng/ul	0.00
88) Perylene-d12	23.550	264	305923	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	13860	6.331	ng/uL	0.00
4) Pyridine-d5	3.669	84	154792	27.037	ng/ul	0.00
7) Phenol-d5	6.934	99	257480	34.445	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	165566	34.386	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	207444	36.171	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	202080	33.733	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	98374	36.929	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	110662	37.966	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	209771	37.398	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	251216	31.537	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	602009	38.498	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	772233	39.095	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	101489	37.294	ng/ul	0.00
60) Fluorene-d10	15.386	176	529867	38.481	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	99004	36.654	ng/ul	0.00
73) Anthracene-d10	17.233	188	714042	36.376	ng/ul	0.00
81) Pyrene-d10	19.521	212	746028	38.532	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	685542	43.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	33071	14.652	ng/uL	98
5) Pyridine	3.687	79	179833	28.813	ng/ul	98
6) Benzaldehyde	6.916	77	151535m	39.397	ng/ul	
8) Phenol	6.963	94	265843	34.697	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.198	93	203212	34.050	ng/ul	99
12) 2-Chlorophenol	7.334	128	208496	36.290	ng/ul	99
13) 2-Methylphenol	8.204	108	189411	34.006	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	340720	34.670	ng/ul	99
16) Acetophenone	8.587	105	328330	34.826	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.575	70	171831	36.692	ng/ul	99
18) 4-Methylphenol	8.534	108	210845	34.498	ng/ul	97
19) Hexachloroethane	8.834	117	85932	35.544	ng/ul	99
22) Nitrobenzene	8.963	77	253941	37.075	ng/ul	98
23) Isophorone	9.487	82	461390	38.599	ng/ul	99
25) 2-Nitrophenol	9.669	139	118759	38.004	ng/ul	98
26) 2,4-Dimethylphenol	9.728	107	157639	24.324	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	279986	37.013	ng/ul	99
29) 2,4-Dichlorophenol	10.198	162	204845	37.652	ng/ul	97
30) Naphthalene	10.598	128	656344	36.442	ng/ul	99
32) 4-Chloroaniline	10.716	127	247972	31.030	ng/ul	99
33) Hexachlorobutadiene	10.881	225	135599	36.665	ng/ul	98
34) Caprolactam	11.498	113	67908m	43.150	ng/ul	
35) 4-Chloro-3-methylphenol	11.833	107	219100	39.738	ng/ul	98
36) 2-Methylnaphthalene	12.210	142	479321	37.326	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.433	142	465499	35.759	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.586	216	258479	38.150	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	133490	32.412	ng/ul	98
41) 2,4,6-Trichlorophenol	12.828	196	159527	37.321	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	174053	38.417	ng/ul	98
43) 1,1'-Biphenyl	13.227	154	627834	38.576	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	493506	38.745	ng/ul	99
45) 2-Nitroaniline	13.480	65	153625	42.924	ng/ul	98
47) Dimethylphthalate	13.857	163	609288	39.772	ng/ul	99
48) 2,6-Dinitrotoluene	13.980	165	126235	42.783	ng/ul	97
50) Acenaphthylene	14.116	152	718189	38.919	ng/ul	100
51) 3-Nitroaniline	14.310	138	122908	39.870	ng/ul	95
52) Acenaphthene	14.457	153	530220	39.388	ng/ul	98
53) 2,4-Dinitrophenol	14.516	184	67925	38.633	ng/ul	99
55) 4-Nitrophenol	14.616	109	91094	39.438	ng/ul	97
56) Dibenzofuran	14.792	168	744660	39.286	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	174284	42.368	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.022	232	132063	35.057	ng/ul	98
59) Diethylphthalate	15.221	149	605817	39.844	ng/ul	99
61) Fluorene	15.445	166	616202	39.469	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	312987	39.833	ng/ul	98
63) 4-Nitroaniline	15.469	138	126768	43.168	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.527	198	99795	38.272	ng/ul#	96
67) N-Nitrosodiphenylamine	15.651	169	504415	40.168	ng/ul	99
68) 4-Bromophenyl-phenylether	16.327	248	181499	40.912	ng/ul	100
69) Hexachlorobenzene	16.445	284	205970	40.907	ng/ul	98
70) Atrazine	16.604	200	98746	22.078	ng/ul	99
71) Pentachlorophenol	16.786	266	94262	30.808	ng/ul	98
72) Phenanthrene	17.180	178	895546	39.843	ng/ul	100
74) Anthracene	17.268	178	866101	37.503	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	257984	39.504	ng/uL	99
76) Pentachlorobenzene	14.716	250	247144	38.675	ng/uL	98
77) Carbazole	17.539	167	758775	37.796	ng/ul	99
78) Di-n-butylphthalate	18.098	149	933566	40.350	ng/ul	100
80) Fluoranthene	19.186	202	944140	39.548	ng/ul	100
82) Pyrene	19.551	202	975626	39.431	ng/ul	99
83) Butylbenzylphthalate	20.445	149	357040	42.215	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	228123	35.612	ng/ul	100
85) Benzo(a)anthracene	21.292	228	867315	39.516	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	515667	41.358	ng/ul	100
87) Chrysene	21.339	228	857678	39.715	ng/ul	99
89) Di-n-octyl phthalate	22.092	149	834561	43.927	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	881133	44.713	ng/ul	100
91) Benzo(k)fluoranthene	22.921	252	838422	43.771	ng/ul	100
93) Benzo(a)pyrene	23.456	252	756490	43.380	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.827	276	1016197	46.855	ng/ul	98
95) Dibenzo(a,h)anthracene	25.833	278	857144	47.135	ng/ul	99
96) Benzo(g,h,i)perylene	26.527	276	821152	47.225	ng/ul	99

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

