

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012822\
 Data File : BM033921.D
 Acq On : 29 Jan 2022 01:27
 Operator : CG/JU
 Sample : PB142335BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS335

Quant Time: Jan 29 02:06:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 28 23:26:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2022
 Supervised By :mohammad ahmed 02/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	92191	20.000	ng/u1	0.00
20) Naphthalene-d8	10.742	136	386475	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.566	164	244747	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.307	188	518321	20.000	ng/u1	0.00
79) Chrysene-d12	21.471	240	514746	20.000	ng/u1	0.00
88) Perylene-d12	23.865	264	515551	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	14627m	5.961	ng/uL	0.00
4) Pyridine-d5	3.713	84	189194	27.765	ng/u1	0.00
7) Phenol-d5	7.090	99	248902	30.060	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	150879	29.922	ng/u1	0.00
11) 2-Chlorophenol-d4	7.460	132	203092	32.081	ng/u1	0.00
15) 4-Methylphenol-d8	8.642	113	201071	29.335	ng/u1	0.00
21) Nitrobenzene-d5	9.089	128	98586	32.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.819	143	109709	33.917	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	199546	32.179	ng/u1	0.00
31) 4-Chloroaniline-d4	10.872	131	256686	27.846	ng/u1	0.00
46) Dimethylphthalate-d6	13.977	166	654032	33.917	ng/u1	0.00
49) Acenaphthylene-d8	14.260	160	768207	33.769	ng/u1	0.00
54) 4-Nitrophenol-d4	14.754	143	114966	31.065	ng/u1	0.00
60) Fluorene-d10	15.554	176	540129	33.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	105744	34.297	ng/u1	0.00
73) Anthracene-d10	17.401	188	871347	34.645	ng/u1	0.00
81) Pyrene-d10	19.689	212	1013445	36.458	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.706	264	974897	36.343	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.325	88	30028	11.723	ng/uL#	86
5) Pyridine	3.731	79	200998	28.763	ng/u1	88
6) Benzaldehyde	7.060	77	139707	29.239	ng/u1#	83
8) Phenol	7.113	94	255171	29.997	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.348	93	201989	30.486	ng/u1	92
12) 2-Chlorophenol	7.490	128	209684	31.532	ng/u1	90
13) 2-Methylphenol	8.372	108	194037	29.665	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.466	45	274877	29.489	ng/u1#	96
16) Acetophenone	8.754	105	320807	29.748	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.742	70	163862	29.342	ng/u1#	90
18) 4-Methylphenol	8.701	108	210298	29.414	ng/u1	95
19) Hexachloroethane	9.019	117	91059	32.291	ng/u1	87
22) Nitrobenzene	9.136	77	243500	31.464	ng/u1#	89
23) Isophorone	9.666	82	462893	31.295	ng/u1	98
25) 2-Nitrophenol	9.848	139	116086	33.263	ng/u1#	84
26) 2,4-Dimethylphenol	9.913	107	252374	31.265	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.148	93	276832	31.226	ng/u1	99
29) 2,4-Dichlorophenol	10.389	162	200854	32.193	ng/u1	96
30) Naphthalene	10.795	128	677860	31.666	ng/u1	99
32) 4-Chloroaniline	10.895	127	247846	26.601	ng/u1	100
33) Hexachlorobutadiene	11.089	225	141394	32.884	ng/u1	98
34) Caprolactam	11.666	113	68226m	31.975	ng/u1	
35) 4-Chloro-3-methylphenol	12.025	107	245972	32.299	ng/u1	91
36) 2-Methylnaphthalene	12.401	142	460054	31.205	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.619	142	476485	31.375	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.772	216	247082	33.785	ng/ul	98
40) Hexachlorocyclopentadiene	12.754	237	157036	32.700	ng/ul	97
41) 2,4,6-Trichlorophenol	13.007	196	162785	34.636	ng/ul	97
42) 2,4,5-Trichlorophenol	13.077	196	176011	33.850	ng/ul	93
43) 1,1'-Biphenyl	13.407	154	637992	33.240	ng/ul	99
44) 2-Chloronaphthalene	13.448	162	480383	33.309	ng/ul	98
45) 2-Nitroaniline	13.648	65	158436	33.767	ng/ul#	80
47) Dimethylphthalate	14.024	163	653098	33.877	ng/ul	100
48) 2,6-Dinitrotoluene	14.142	165	131490	35.583	ng/ul	92
50) Acenaphthylene	14.289	152	803286	33.247	ng/ul	99
51) 3-Nitroaniline	14.466	138	122938	32.373	ng/ul	86
52) Acenaphthene	14.630	153	524019	32.949	ng/ul	96
53) 2,4-Dinitrophenol	14.671	184	65903	29.633	ng/ul#	86
55) 4-Nitrophenol	14.771	109	110393	30.790	ng/ul	86
56) Dibenzofuran	14.966	168	757945	33.229	ng/ul	100
57) 2,4-Dinitrotoluene	14.924	165	197551	35.705	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.189	232	156528	35.517	ng/ul	99
59) Diethylphthalate	15.383	149	699986	34.367	ng/ul	99
61) Fluorene	15.613	166	624723	33.722	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.607	204	317149	34.109	ng/ul	98
63) 4-Nitroaniline	15.624	138	141476	38.670	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.683	198	107714	34.763	ng/ul	97
67) N-Nitrosodiphenylamine	15.818	169	542957	34.502	ng/ul	99
68) 4-Bromophenyl-phenylether	16.495	248	190517	36.991	ng/ul	97
69) Hexachlorobenzene	16.618	284	218613	34.855	ng/ul	95
70) Atrazine	16.765	200	204350	32.626	ng/ul	99
71) Pentachlorophenol	16.954	266	140170	34.163	ng/ul	94
72) Phenanthrene	17.348	178	1013892	34.296	ng/ul	99
74) Anthracene	17.442	178	1029582	34.293	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.372	216	249120	31.949	ng/uL	96
76) Pentachlorobenzene	14.889	250	254621	34.766	ng/uL	98
77) Carbazole	17.707	167	928843	34.488	ng/ul	99
78) Di-n-butylphthalate	18.271	149	1236924	36.470	ng/ul	99
80) Fluoranthene	19.353	202	1210159	36.623	ng/ul	99
82) Pyrene	19.718	202	1246129	36.479	ng/ul	99
83) Butylbenzylphthalate	20.606	149	557161	37.701	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.383	252	358224	31.280	ng/ul	96
85) Benzo(a)anthracene	21.453	228	1191170	35.346	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.383	149	854419	36.864	ng/ul	100
87) Chrysene	21.506	228	1168450	35.712	ng/ul	99
89) Di-n-octyl phthalate	22.300	149	1457696	34.478	ng/ul	100
90) Benzo(b)fluoranthene	23.130	252	1220372	34.852	ng/ul	100
91) Benzo(k)fluoranthene	23.183	252	1175296	36.061	ng/ul	100
93) Benzo(a)pyrene	23.759	252	1183895	36.153	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.365	276	1334749	40.502	ng/ul	96
95) Dibenzo(a,h)anthracene	26.377	278	1155403	40.685	ng/ul	97
96) Benzo(g,h,i)perylene	27.129	276	1115603	41.483	ng/ul	98

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

