

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081222\
 Data File : BM036264.D
 Acq On : 13 Aug 2022 12:46
 Operator : CG/JU
 Sample : PB146951BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS951

Quant Time: Aug 14 23:01:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 11:23:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/16/2022
 Supervised By :Sohil Jodhani 08/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	180260	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	778135	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	480288	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1009084	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1058045	20.000	ng/u1	0.00
88) Perylene-d12	23.715	264	1094466	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	28467	5.943	ng/uL	0.00
4) Pyridine-d5	3.640	84	263547	20.082	ng/u1	0.00
7) Phenol-d5	6.992	99	517013	34.202	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.145	67	311799	30.941	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	416092	33.161	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	393908	32.166	ng/u1	-0.01
21) Nitrobenzene-d5	8.981	128	203512	33.005	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	213720	35.576	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	378898	34.873	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	393091	21.371	ng/u1	-0.01
46) Dimethylphthalate-d6	13.874	166	1105572	33.793	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	1334699	31.975	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.686	143	231524	34.462	ng/u1	-0.01
60) Fluorene-d10	15.445	176	992093	33.558	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	187801	34.623	ng/u1	0.00
73) Anthracene-d10	17.292	188	1595623	34.975	ng/u1	-0.01
81) Pyrene-d10	19.586	212	1880414	32.068	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1962367	35.317	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	61657	12.420	ng/uL	92
5) Pyridine	3.657	79	397724	28.880	ng/u1	89
6) Benzaldehyde	6.951	77	271385	42.775	ng/u1	93
8) Phenol	7.022	94	529668	32.018	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.240	93	411058	30.908	ng/u1	97
12) 2-Chlorophenol	7.375	128	426794	33.158	ng/u1	99
13) 2-Methylphenol	8.269	108	390829	31.625	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.345	45	535177	30.486	ng/u1	97
16) Acetophenone	8.639	105	628594	31.970	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	307459	31.358	ng/u1	95
18) 4-Methylphenol	8.604	108	429590	32.403	ng/u1	98
19) Hexachloroethane	8.881	117	169394	31.896	ng/u1	89
22) Nitrobenzene	9.022	77	463414	32.843	ng/u1	98
23) Isophorone	9.545	82	846014	31.763	ng/u1	96
25) 2-Nitrophenol	9.728	139	229728	34.469	ng/u1	98
26) 2,4-Dimethylphenol	9.798	107	443144	32.540	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.033	93	531911	31.664	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	382550	33.923	ng/u1	99
30) Naphthalene	10.663	128	1338417	32.587	ng/u1	100
32) 4-Chloroaniline	10.786	127	501013	27.421	ng/u1	99
33) Hexachlorobutadiene	10.939	225	223317	32.077	ng/u1	98
34) Caprolactam	11.575	113	121826	32.687	ng/u1	96
35) 4-Chloro-3-methylphenol	11.922	107	406828	34.694	ng/u1	98
36) 2-Methylnaphthalene	12.275	142	879486	32.729	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	885177	32.681	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	424362	31.039	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	219836	24.143	ng/ul	99
41) 2,4,6-Trichlorophenol	12.892	196	284956	32.570	ng/ul	97
42) 2,4,5-Trichlorophenol	12.969	196	313229	33.552	ng/ul	99
43) 1,1'-Biphenyl	13.286	154	1169704	31.641	ng/ul	99
44) 2-Chloronaphthalene	13.327	162	903768	31.856	ng/ul	99
45) 2-Nitroaniline	13.551	65	271369	34.695	ng/ul	99
47) Dimethylphthalate	13.921	163	1113289	33.830	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	223887	34.268	ng/ul	95
50) Acenaphthylene	14.174	152	1518857	32.893	ng/ul	100
51) 3-Nitroaniline	14.374	138	271569	37.610	ng/ul	97
52) Acenaphthene	14.516	153	978625	32.668	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	119591	32.238	ng/ul	99
55) 4-Nitrophenol	14.698	109	175378	34.132	ng/ul	85
56) Dibenzofuran	14.851	168	1390124	33.538	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	339166	36.827	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.080	232	244767	33.370	ng/ul#	92
59) Diethylphthalate	15.280	149	1146037	34.429	ng/ul	98
61) Fluorene	15.498	166	1132149	33.437	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.498	204	527858	32.538	ng/ul	96
63) 4-Nitroaniline	15.539	138	301371m	45.337	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	185325	34.145	ng/ul	94
67) N-Nitrosodiphenylamine	15.715	169	962801	32.455	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	312248	31.564	ng/ul	99
69) Hexachlorobenzene	16.498	284	387337	32.135	ng/ul	99
70) Atrazine	16.668	200	194229	18.876	ng/ul	99
71) Pentachlorophenol	16.851	266	210802	28.627	ng/ul	99
72) Phenanthrene	17.239	178	1818589	33.625	ng/ul	98
74) Anthracene	17.327	178	1851055	34.108	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	420705	26.810	ng/ul	98
76) Pentachlorobenzene	14.768	250	431720	30.350	ng/ul	99
77) Carbazole	17.609	167	1782265	35.557	ng/ul	99
78) Di-n-butylphthalate	18.168	149	2018520	35.693	ng/ul	100
80) Fluoranthene	19.256	202	2212174	31.575	ng/ul	96
82) Pyrene	19.615	202	2312238	32.020	ng/ul	97
83) Butylbenzylphthalate	20.521	149	939670	35.778	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.303	252	803794	41.169	ng/ul	98
85) Benzo(a)anthracene	21.362	228	2269566	34.080	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	1348539	35.535	ng/ul	99
87) Chrysene	21.415	228	2223261	34.216	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	2317401	32.788	ng/ul	100
90) Benzo(b)fluoranthene	23.003	252	2435219	33.340	ng/ul	97
91) Benzo(k)fluoranthene	23.050	252	2257712	32.573	ng/ul	98
93) Benzo(a)pyrene	23.615	252	2368078	34.038	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.132	276	2747171	37.045	ng/ul	93
95) Dibenzo(a,h)anthracene	26.150	278	2358378	37.069	ng/ul	96
96) Benzo(g,h,i)perylene	26.879	276	2331865	37.946	ng/ul	96

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

