

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
 Data File : BM042311.D
 Acq On : 16 Oct 2023 23:52
 Operator : MA/JU
 Sample : PB156402BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS402

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

Quant Time: Oct 17 01:47:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	147092	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	681455	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	410921	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.409	188	864806	20.000	ng/u1	0.00
79) Chrysene-d12	21.591	240	852608	20.000	ng/u1	0.00
88) Perylene-d12	24.062	264	827407	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	30746	6.531	ng/uL	0.00
4) Pyridine-d5	3.804	84	474703	34.048	ng/u1	0.00
7) Phenol-d5	7.163	99	569804	34.954	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	382628	34.738	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	403847	36.013	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	448724	34.758	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	205322	35.477	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	218377	35.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	390881	34.621	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	556403	31.300	ng/u1	0.00
46) Dimethylphthalate-d6	14.074	166	1237172	34.731	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	1408541	36.129	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	252940	35.304	ng/u1	0.00
60) Fluorene-d10	15.651	176	1029073	35.143	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	207902	34.318	ng/u1	0.00
73) Anthracene-d10	17.509	188	1580819	35.684	ng/u1	0.00
81) Pyrene-d10	19.797	212	1915975	36.871	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.903	264	1766947	38.906	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	62538	12.120	ng/uL	97
5) Pyridine	3.822	79	465237	32.232	ng/u1	97
6) Benzaldehyde	7.175	77	291743	35.009	ng/u1	98
8) Phenol	7.192	94	574746	34.911	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.451	93	465155	34.024	ng/u1	98
12) 2-Chlorophenol	7.569	128	403037	34.409	ng/u1	99
13) 2-Methylphenol	8.451	108	415988	33.856	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	747557m	32.071	ng/u1	
16) Acetophenone	8.863	105	684646	34.161	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.839	70	399755	33.701	ng/u1	100
18) 4-Methylphenol	8.786	108	465062	34.345	ng/u1	99
19) Hexachloroethane	9.081	117	169609	34.321	ng/u1	96
22) Nitrobenzene	9.257	77	562620	34.371	ng/u1	100
23) Isophorone	9.769	82	1084369	34.164	ng/u1	100
25) 2-Nitrophenol	9.957	139	233093	34.429	ng/u1	97
26) 2,4-Dimethylphenol	9.992	107	432730	30.075	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.251	93	663737	33.444	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	370757	33.623	ng/u1	99
30) Naphthalene	10.892	128	1330589	33.310	ng/u1	100
32) 4-Chloroaniline	11.022	127	472560	27.503	ng/u1	98
33) Hexachlorobutadiene	11.116	225	209221	32.869	ng/u1	97
34) Caprolactam	11.839	113	141555m	35.158	ng/u1	
35) 4-Chloro-3-methylphenol	12.121	107	473958	34.895	ng/u1	99
36) 2-Methylnaphthalene	12.492	142	886147	32.409	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	913662	33.061	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	432900	33.457	ng/ul	98
40) Hexachlorocyclopentadiene	12.786	237	226489	27.047	ng/ul	98
41) 2,4,6-Trichlorophenol	13.092	196	249824	28.879	ng/ul	97
42) 2,4,5-Trichlorophenol	13.163	196	289119	31.130	ng/ul	96
43) 1,1'-Biphenyl	13.498	154	1179826	33.500	ng/ul	99
44) 2-Chloronaphthalene	13.545	162	900990	33.376	ng/ul	99
45) 2-Nitroaniline	13.780	65	358840	36.974	ng/ul	98
47) Dimethylphthalate	14.121	163	1178119	33.237	ng/ul	100
48) 2,6-Dinitrotoluene	14.268	165	232703	36.265	ng/ul	97
50) Acenaphthylene	14.386	152	1455566	32.328	ng/ul	100
51) 3-Nitroaniline	14.604	138	258020	34.113	ng/ul	95
52) Acenaphthene	14.721	153	1013927	33.523	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	135443	31.185	ng/ul	99
55) 4-Nitrophenol	14.892	109	198619	34.173	ng/ul	97
56) Dibenzofuran	15.057	168	1371756	33.760	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	347736	36.752	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.268	232	200187	25.684	ng/ul	97
59) Diethylphthalate	15.468	149	1242323	34.335	ng/ul	99
61) Fluorene	15.704	166	1150246	34.132	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	560463	34.443	ng/ul	100
63) 4-Nitroaniline	15.768	138	261462	38.652	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.792	198	202946	32.033	ng/ul	98
67) N-Nitrosodiphenylamine	15.921	169	959418	34.871	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	321587	34.573	ng/ul	97
69) Hexachlorobenzene	16.674	284	364753	34.489	ng/ul	98
71) Pentachlorophenol	17.033	266	141316	19.720	ng/ul	97
72) Phenanthrene	17.451	178	1840506	34.694	ng/ul	100
74) Anthracene	17.545	178	1845378	34.585	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	442725	34.552	ng/uL	98
76) Pentachlorobenzene	14.951	250	428928	34.092	ng/uL	97
77) Carbazole	17.827	167	1710834	35.199	ng/ul	100
78) Di-n-butylphthalate	18.351	149	2229651	36.239	ng/ul	100
80) Fluoranthene	19.462	202	2173651	35.324	ng/ul	97
82) Pyrene	19.827	202	2297894	35.519	ng/ul	99
83) Butylbenzylphthalate	20.703	149	1028070	37.280	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.515	252	689808	33.870	ng/ul	98
85) Benzo(a)anthracene	21.574	228	2223279	34.374	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1560578	38.302	ng/ul	100
87) Chrysene	21.627	228	2043238	34.351	ng/ul	100
89) Di-n-octyl phthalate	22.397	149	2703757	40.456	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	2166813	38.539	ng/ul	99
91) Benzo(k)fluoranthene	23.350	252	2045296	36.782	ng/ul	98
93) Benzo(a)pyrene	23.956	252	1806424	34.334	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.668	276	2216857	34.692	ng/ul	98
95) Dibenzo(a,h)anthracene	26.685	278	1851566	34.930	ng/ul	97
96) Benzo(g,h,i)perylene	27.479	276	1697483	33.959	ng/ul	98

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

