

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
 Data File : BM038403.D
 Acq On : 07 Jan 2023 01:29
 Operator : CG/JU
 Sample : PB150076BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS076

Quant Time: Jan 07 02:14:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	75072	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	279124	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	187090	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	442309	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	490610	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	525984	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	12515	5.406	ng/uL	0.00
4) Pyridine-d5	3.793	84	181351	27.078	ng/u1	0.00
7) Phenol-d5	7.157	99	209023	30.564	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	160795	32.684	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	155839	31.803	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	154556	29.277	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	72138	32.941	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	76757	30.905	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	152001	31.693	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	168025	25.388	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	444346	31.361	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	505347	30.605	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	74544	29.225	ng/u1	0.00
60) Fluorene-d10	15.615	176	401302	31.144	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	95127	29.675	ng/u1	0.00
73) Anthracene-d10	17.468	188	665087	31.171	ng/u1	0.00
81) Pyrene-d10	19.756	212	835106	30.589	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	862467	33.014	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	27339m	11.061	ng/uL	
5) Pyridine	3.810	79	201440	28.473	ng/u1	99
6) Benzaldehyde	7.134	77	147644	52.512	ng/u1	98
8) Phenol	7.187	94	233276	32.331	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.416	93	191790	33.198	ng/u1	96
12) 2-Chlorophenol	7.557	128	165142	32.634	ng/u1	95
13) 2-Methylphenol	8.439	108	158748	30.805	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.528	45	316241	34.513	ng/u1	97
16) Acetophenone	8.828	105	281997	30.187	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.810	70	171239	34.027	ng/u1	98
18) 4-Methylphenol	8.775	108	173767	30.993	ng/u1	94
19) Hexachloroethane	9.075	117	81181	34.450	ng/u1	99
22) Nitrobenzene	9.210	77	244553	33.858	ng/u1	99
23) Isophorone	9.739	82	407306	32.893	ng/u1	99
25) 2-Nitrophenol	9.922	139	85199	32.934	ng/u1	93
26) 2,4-Dimethylphenol	9.981	107	195375	32.306	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.216	93	230518	32.535	ng/u1	99
29) 2,4-Dichlorophenol	10.457	162	150502	32.271	ng/u1	97
30) Naphthalene	10.857	128	469144	31.511	ng/u1	100
32) 4-Chloroaniline	10.975	127	177749	26.358	ng/u1	98
33) Hexachlorobutadiene	11.133	225	118620	34.163	ng/u1	96
34) Caprolactam	11.763	113	41825m	31.420	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	165519	33.355	ng/u1	100
36) 2-Methylnaphthalene	12.463	142	318860	32.855	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	323580	32.227	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.827	216	216554	32.738	ng/ul	99
40) Hexachlorocyclopentadiene	12.798	237	136223	29.158	ng/ul	97
41) 2,4,6-Trichlorophenol	13.069	196	135961	33.115	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	145837	33.144	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	448517	31.715	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	367138	31.794	ng/ul	99
45) 2-Nitroaniline	13.721	65	132066	34.190	ng/ul	97
47) Dimethylphthalate	14.086	163	471182	32.771	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	93312	34.084	ng/ul	89
50) Acenaphthylene	14.351	152	553544	31.601	ng/ul	99
51) 3-Nitroaniline	14.545	138	76384	30.301	ng/ul	98
52) Acenaphthene	14.692	153	396829	32.014	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	61482	30.038	ng/ul	98
55) 4-Nitrophenol	14.845	109	87226	32.670	ng/ul	96
56) Dibenzofuran	15.027	168	565112	32.078	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	137538	34.339	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.251	232	135907	34.580	ng/ul	98
59) Diethylphthalate	15.439	149	509670	34.199	ng/ul	98
61) Fluorene	15.674	166	495169	32.740	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	273362	34.341	ng/ul	99
63) 4-Nitroaniline	15.704	138	91765	38.041	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	94996	30.926	ng/ul	97
67) N-Nitrosodiphenylamine	15.880	169	410728	32.567	ng/ul	98
68) 4-Bromophenyl-phenylether	16.557	248	157691	33.654	ng/ul	96
69) Hexachlorobenzene	16.668	284	182809	33.824	ng/ul	97
70) Atrazine	16.827	200	162592	31.190	ng/ul	98
71) Pentachlorophenol	17.015	266	108967	30.550	ng/ul	100
72) Phenanthrene	17.409	178	783537	32.467	ng/ul	100
74) Anthracene	17.504	178	802567	32.340	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	214364	32.111	ng/uL	97
76) Pentachlorobenzene	14.945	250	199125	30.955	ng/uL	99
77) Carbazole	17.774	167	690592	30.350	ng/ul	98
78) Di-n-butylphthalate	18.327	149	962275	35.396	ng/ul	99
80) Fluoranthene	19.421	202	1003430	32.499	ng/ul	97
82) Pyrene	19.786	202	1072908	31.886	ng/ul	97
83) Butylbenzylphthalate	20.668	149	445643	34.534	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	335797	32.822	ng/ul	99
85) Benzo(a)anthracene	21.521	228	1154142	33.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	714783	35.883	ng/ul	99
87) Chrysene	21.580	228	1098270	32.742	ng/ul	99
89) Di-n-octyl phthalate	22.362	149	1284179	34.128	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1177357	35.380	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	1127885	33.751	ng/ul	99
93) Benzo(a)pyrene	23.862	252	1025144	34.037	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	1269810	33.175	ng/ul	100
95) Dibenzo(a,h)anthracene	26.521	278	1085947	33.996	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	1036229	33.063	ng/ul	98

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

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