

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058465.D
 Acq On : 26 Jul 2023 3:57
 Operator : CG/JU
 Sample : PB154168BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS168

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 06:41:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	49163	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	209524	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	141371	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	343339	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	294574	20.000	ng/u1	0.00
88) Perylene-d12	24.516	264	353671	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	8720	6.528	ng/uL	0.00
4) Pyridine-d5	3.646	84	123157	31.064	ng/u1	0.00
7) Phenol-d5	6.983	99	158607	34.008	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	98307	33.725	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	114639	35.116	ng/u1	0.00
15) 4-Methylphenol-d8	8.529	113	112390	31.594	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	55952	35.627	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	64725	37.751	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	118695	36.113	ng/u1	0.00
31) 4-Chloroaniline-d4	10.755	131	146044	30.651	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	364500	33.436	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	416452	36.453	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	52262	31.744	ng/u1	0.00
60) Fluorene-d10	15.456	176	327986	36.340	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	52709	30.132	ng/u1	0.00
73) Anthracene-d10	17.307	188	509971	34.376	ng/u1	0.00
81) Pyrene-d10	19.598	212	634165	36.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	659684	38.592	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	20659	13.635	ng/uL#	95
5) Pyridine	3.670	79	123570	29.513	ng/u1	94
6) Benzaldehyde	6.954	77	101288m	53.777	ng/u1	
8) Phenol	7.013	94	160637	33.167	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.236	93	124478	33.549	ng/u1	96
12) 2-Chlorophenol	7.383	128	119163	34.871	ng/u1	98
13) 2-Methylphenol	8.264	108	118943	31.510	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	204334m	33.606	ng/u1	
16) Acetophenone	8.640	105	186428	30.773	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.623	70	100164	30.209	ng/u1	99
18) 4-Methylphenol	8.593	108	129441	31.553	ng/u1	100
19) Hexachloroethane	8.893	117	47893	35.556	ng/u1	91
22) Nitrobenzene	9.022	77	143068	34.160	ng/u1	99
23) Isophorone	9.539	82	292539	31.155	ng/u1	100
25) 2-Nitrophenol	9.733	139	67031	36.601	ng/u1	97
26) 2,4-Dimethylphenol	9.792	107	102533	25.109	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.027	93	167974	33.778	ng/u1	99
29) 2,4-Dichlorophenol	10.268	162	113060	36.243	ng/u1	94
30) Naphthalene	10.667	128	385044	34.381	ng/u1	100
32) 4-Chloroaniline	10.779	127	146165	30.014	ng/u1	98
33) Hexachlorobutadiene	10.949	225	84627	37.938	ng/u1	98
34) Caprolactam	11.537	113	39869m	30.771	ng/u1	
35) 4-Chloro-3-methylphenol	11.913	107	136417	34.362	ng/u1	93
36) 2-Methylnaphthalene	12.283	142	254080	33.863	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	252260	32.803	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.653	216	154448	37.740	ng/ul	99
40) Hexachlorocyclopentadiene	12.624	237	40049	18.195	ng/ul	99
41) 2,4,6-Trichlorophenol	12.894	196	105296	38.008	ng/ul	97
42) 2,4,5-Trichlorophenol	12.970	196	111252	37.660	ng/ul	96
43) 1,1'-Biphenyl	13.294	154	336065	35.155	ng/ul	98
44) 2-Chloronaphthalene	13.335	162	275489	36.246	ng/ul	97
45) 2-Nitroaniline	13.546	65	96303	36.477	ng/ul	96
47) Dimethylphthalate	13.916	163	365723	33.399	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	81111	38.333	ng/ul	93
50) Acenaphthylene	14.187	152	436242	35.375	ng/ul	99
51) 3-Nitroaniline	14.375	138	73677	41.781	ng/ul	87
52) Acenaphthene	14.527	153	304000	35.506	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	24834	22.052	ng/ul	97
55) 4-Nitrophenol	14.692	109	39394	31.069	ng/ul	91
56) Dibenzofuran	14.862	168	434538	35.643	ng/ul	100
57) 2,4-Dinitrotoluene	14.833	165	117349	38.451	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.091	232	102630	37.602	ng/ul#	98
59) Diethylphthalate	15.280	149	386652	34.276	ng/ul	99
61) Fluorene	15.515	166	352365	35.245	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.503	204	191378	36.058	ng/ul	97
63) 4-Nitroaniline	15.538	138	72882m	45.677	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.597	198	53560	29.761	ng/ul	97
67) N-Nitrosodiphenylamine	15.720	169	303680	35.682	ng/ul	99
68) 4-Bromophenyl-phenylether	16.396	248	133240	36.638	ng/ul	95
69) Hexachlorobenzene	16.513	284	156147	38.052	ng/ul	99
70) Atrazine	16.666	200	121027	36.271	ng/ul	95
71) Pentachlorophenol	16.866	266	61431m	26.670	ng/ul	
72) Phenanthrene	17.248	178	586060	35.919	ng/ul	99
74) Anthracene	17.342	178	563697	34.414	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.258	216	155541	36.117	ng/uL	98
76) Pentachlorobenzene	14.780	250	165976	35.243	ng/uL	96
77) Carbazole	17.612	167	542308	38.193	ng/ul	98
78) Di-n-butylphthalate	18.170	149	697744	38.672	ng/ul	100
80) Fluoranthene	19.263	202	720542	36.150	ng/ul	99
82) Pyrene	19.627	202	718995	35.601	ng/ul	99
83) Butylbenzylphthalate	20.515	149	314769	39.581	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.349	252	248820	37.839	ng/ul	95
85) Benzo(a)anthracene	21.431	228	743249	37.538	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	454845	40.212	ng/ul	98
87) Chrysene	21.496	228	711293	37.874	ng/ul	99
89) Di-n-octyl phthalate	22.489	149	809040	42.993	ng/ul	100
90) Benzo(b)fluoranthene	23.546	252	790050	38.609	ng/ul	99
91) Benzo(k)fluoranthene	23.611	252	775442	37.995	ng/ul	99
93) Benzo(a)pyrene	24.381	252	698397	38.372	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.012	276	926419	38.633	ng/ul	99
95) Dibenzo(a,h)anthracene	28.070	278	774864	39.405	ng/ul	98
96) Benzo(g,h,i)perylene	29.110	276	750739	38.425	ng/ul	100

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

