

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049262.D
 Acq On : 10 Jul 2021 12:16
 Operator : CG/JU
 Sample : PB137517BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS517

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:34:35 PM

Quant Time: Jul 11 00:37:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	29988	20.000	ng/ul	0.00
20) Naphthalene-d8	10.894	136	120556	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.724	164	88474	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	211456	20.000	ng/ul	0.00
79) Chrysene-d12	21.757	240	210150	20.000	ng/ul	0.00
88) Perylene-d12	25.054	264	202909	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	3570	5.600	ng/uL	0.00
4) Pyridine-d5	3.884	84	45025	24.019	ng/ul	0.00
7) Phenol-d5	7.221	99	85411	32.743	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	49033	32.409	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	65517	33.984	ng/ul	0.00
15) 4-Methylphenol-d8	8.778	113	67697	32.391	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	34778	37.594	ng/ul	0.00
24) 2-Nitrophenol-d4	9.965	143	40735	38.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.512	165	78767	38.012	ng/ul	0.00
31) 4-Chloroaniline-d4	11.029	131	84858	31.425	ng/ul	0.00
46) Dimethylphthalate-d6	14.119	166	263187	38.680	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	302321	37.868	ng/ul	0.00
54) 4-Nitrophenol-d4	14.913	143	43683	38.787	ng/ul	0.00
60) Fluorene-d10	15.712	176	221869	38.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.829	200	51972	38.668	ng/ul	0.00
73) Anthracene-d10	17.568	188	347549	36.100	ng/ul	0.00
81) Pyrene-d10	19.860	212	435319	40.416	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.830	264	441028	41.812	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.496	88	10077	12.979	ng/uL#	82
5) Pyridine	3.902	79	55959	26.910	ng/ul	94
6) Benzaldehyde	7.204	77	57087m	36.378	ng/ul	
8) Phenol	7.251	94	87097	33.387	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.486	93	61522	31.717	ng/ul#	86
12) 2-Chlorophenol	7.639	128	63086	32.419	ng/ul	96
13) 2-Methylphenol	8.514	108	63626	32.020	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.596	45	104463	33.483	ng/ul#	95
16) Acetophenone	8.902	105	117570	34.293	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.884	70	59704	34.273	ng/ul	94
18) 4-Methylphenol	8.843	108	70975	34.333	ng/ul	97
19) Hexachloroethane	9.166	117	28763	32.645	ng/ul	96
22) Nitrobenzene	9.284	77	95464	36.592	ng/ul#	93
23) Isophorone	9.807	82	169682	37.652	ng/ul	97
25) 2-Nitrophenol	10.001	139	40810	37.668	ng/ul	94
26) 2,4-Dimethylphenol	10.053	107	55899	23.301	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.289	93	90805	37.793	ng/ul	98
29) 2,4-Dichlorophenol	10.535	162	71351	37.684	ng/ul	97
30) Naphthalene	10.947	128	221841	36.908	ng/ul	99
32) 4-Chloroaniline	11.052	127	83536	31.377	ng/ul	96
33) Hexachlorobutadiene	11.229	225	56972	35.483	ng/ul	97
34) Caprolactam	11.816	113	25571m	38.823	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	84340	39.877	ng/ul	95
36) 2-Methylnaphthalene	12.551	142	169608	37.140	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.768	142	169701	37.367	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.915	216	103675	37.308	ng/ul	96
40) Hexachlorocyclopentadiene	12.897	237	46328	25.103	ng/ul	99
41) 2,4,6-Trichlorophenol	13.156	196	65762	36.584	ng/ul	95
42) 2,4,5-Trichlorophenol	13.226	196	72850	38.103	ng/ul	90
43) 1,1'-Biphenyl	13.555	154	226392	37.875	ng/ul	99
44) 2-Chloronaphthalene	13.596	162	175028	37.374	ng/ul	99
45) 2-Nitroaniline	13.796	65	69338	40.384	ng/ul	91
47) Dimethylphthalate	14.166	163	252698	40.012	ng/ul	98
48) 2,6-Dinitrotoluene	14.290	165	55360	40.702	ng/ul	95
50) Acenaphthylene	14.442	152	272757	38.415	ng/ul	98
51) 3-Nitroaniline	14.619	138	48634	39.267	ng/ul	86
52) Acenaphthene	14.783	153	199698	38.728	ng/ul	98
53) 2,4-Dinitrophenol	14.824	184	35368	41.031	ng/ul#	84
55) 4-Nitrophenol	14.930	109	57603	40.517	ng/ul	95
56) Dibenzofuran	15.118	168	289696	39.642	ng/ul	95
57) 2,4-Dinitrotoluene	15.077	165	81375	41.460	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.347	232	62965	35.120	ng/ul	96
59) Diethylphthalate	15.529	149	268546	39.558	ng/ul	98
61) Fluorene	15.770	166	250335	40.476	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.759	204	136884	40.260	ng/ul	98
63) 4-Nitroaniline	15.788	138	55066	45.290	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.841	198	50592	39.555	ng/ul#	99
67) N-Nitrosodiphenylamine	15.970	169	213319	39.623	ng/ul	97
68) 4-Bromophenyl-phenylether	16.657	248	94766	40.181	ng/ul	95
69) Hexachlorobenzene	16.775	284	107571	40.274	ng/ul	98
70) Atrazine	16.916	200	68084	27.632	ng/ul	98
71) Pentachlorophenol	17.122	266	49295	30.922	ng/ul	98
72) Phenanthrene	17.515	178	412016	39.948	ng/ul	97
74) Anthracene	17.603	178	388456	36.870	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.520	216	109116	37.826	ng/ul	95
76) Pentachlorobenzene	15.042	250	114299	37.350	ng/ul	97
77) Carbazole	17.874	167	374821	39.880	ng/ul	98
78) Di-n-butylphthalate	18.426	149	458136	38.959	ng/ul	99
80) Fluoranthene	19.525	202	520451	41.547	ng/ul	100
82) Pyrene	19.883	202	506089	40.547	ng/ul	99
83) Butylbenzylphthalate	20.764	149	201636	41.149	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.646	252	169401	34.501	ng/ul	95
85) Benzo(a)anthracene	21.740	228	509443	39.447	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.634	149	291561	40.794	ng/ul	100
87) Chrysene	21.804	228	490070	40.117	ng/ul	99
89) Di-n-octyl phthalate	22.874	149	492648	43.134	ng/ul	100
90) Benzo(b)fluoranthene	24.008	252	551373	44.048	ng/ul	98
91) Benzo(k)fluoranthene	24.078	252	515383	42.227	ng/ul	96
93) Benzo(a)pyrene	24.907	252	467438	42.433	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.831	276	625663	44.020	ng/ul	99
95) Dibenzo(a,h)anthracene	28.902	278	525384	44.628	ng/ul	96
96) Benzo(g,h,i)perylene	30.018	276	525367	44.708	ng/ul	96

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

