

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049243.D
 Acq On : 9 Jul 2021 18:42
 Operator : CG/JU
 Sample : PB137522BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS522

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:33:18 PM

Quant Time: Jul 09 22:51:51 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	8.074	152	29310	20.00	ng/ul	0.00
20) Naphthalene-d8	10.900	136	126190	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.719	164	91010	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	218356	20.00	ng/ul	0.00
79) Chrysene-d12	21.758	240	218233	20.00	ng/ul	0.00
88) Perylene-d12	25.054	264	207535	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	4161	6.68	ng/uL	0.00
4) Pyridine-d5	3.884	84	49472	27.00	ng/ul	0.00
7) Phenol-d5	7.228	99	88587	34.75	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	51373	34.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	67334	35.73	ng/ul	0.00
15) 4-Methylphenol-d8	8.779	113	70083	34.31	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	34040	35.15	ng/ul	0.00
24) 2-Nitrophenol-d4	9.966	143	41524	37.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.512	165	80777	37.24	ng/ul	0.00
31) 4-Chloroaniline-d4	11.029	131	89053	31.51	ng/ul	0.00
46) Dimethylphthalate-d6	14.119	166	270612	38.66	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	310350	37.79	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143	45073	38.91	ng/ul	0.00
60) Fluorene-d10	15.712	176	232215	39.19	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.829	200	53292	38.40	ng/ul	0.00
73) Anthracene-d10	17.568	188	359780	36.19	ng/ul	0.00
81) Pyrene-d10	19.854	212	445749	39.85	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.830	264	460778	42.71	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.497	88	10635	14.01	ng/uL	96
5) Pyridine	3.908	79	58521	28.79	ng/ul	94
6) Benzaldehyde	7.204	77	57421	37.44	ng/ul	93
8) Phenol	7.257	94	92276	36.19	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.486	93	64101	33.81	ng/ul#	85
12) 2-Chlorophenol	7.639	128	67514	35.50	ng/ul	95
13) 2-Methylphenol	8.514	108	66981	34.49	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.602	45	112818	37.00	ng/ul	96
16) Acetophenone	8.902	105	120543	35.97	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.884	70	64236	37.73	ng/ul	93
18) 4-Methylphenol	8.843	108	72208	35.74	ng/ul	94
19) Hexachloroethane	9.166	117	30823	35.79	ng/ul	90
22) Nitrobenzene	9.284	77	98548	36.09	ng/ul#	95
23) Isophorone	9.813	82	176325	37.38	ng/ul	98
25) 2-Nitrophenol	10.001	139	41454	36.55	ng/ul	94
26) 2,4-Dimethylphenol	10.054	107	59586	23.73	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.295	93	93288	37.09	ng/ul	95
29) 2,4-Dichlorophenol	10.541	162	71749	36.20	ng/ul#	93
30) Naphthalene	10.947	128	227418	36.15	ng/ul	97
32) 4-Chloroaniline	11.053	127	84510	30.33	ng/ul	96
33) Hexachlorobutadiene	11.235	225	61020	36.31	ng/ul	97
34) Caprolactam	11.822	113	26369m	38.25	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	90146	40.72	ng/ul#	88
36) 2-Methylnaphthalene	12.551	142	174623	36.53	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.768	142	171257	36.03	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.915	216	106940	37.41	ng/ul	98
40) Hexachlorocyclopentadiene	12.892	237	49000	25.81	ng/ul	96
41) 2,4,6-Trichlorophenol	13.150	196	67891	36.72	ng/ul	95
42) 2,4,5-Trichlorophenol	13.226	196	74598	37.93	ng/ul	94
43) 1,1'-Biphenyl	13.555	154	234621	38.16	ng/ul	99
44) 2-Chloronaphthalene	13.602	162	182917	37.97	ng/ul	98
45) 2-Nitroaniline	13.796	65	73617	41.68	ng/ul	93
47) Dimethylphthalate	14.166	163	261598	40.27	ng/ul#	97
48) 2,6-Dinitrotoluene	14.290	165	56243	40.20	ng/ul	88
50) Acenaphthylene	14.443	152	278162	38.08	ng/ul	98
51) 3-Nitroaniline	14.625	138	49847	39.13	ng/ul	98
52) Acenaphthene	14.789	153	209318	39.46	ng/ul	100
53) 2,4-Dinitrophenol	14.825	184	35832	40.41	ng/ul#	84
55) 4-Nitrophenol	14.930	109	58115	39.74	ng/ul	96
56) Dibenzofuran	15.118	168	301139	40.06	ng/ul	94
57) 2,4-Dinitrotoluene	15.077	165	83797	41.50	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.342	232	64569	35.01	ng/ul#	89
59) Diethylphthalate	15.530	149	283520	40.60	ng/ul	99
61) Fluorene	15.770	166	250728	39.41	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.759	204	141514	40.46	ng/ul	99
63) 4-Nitroaniline	15.782	138	55043	44.01	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.847	198	51662	39.12	ng/ul#	96
67) N-Nitrosodiphenylamine	15.970	169	221486	39.84	ng/ul	100
68) 4-Bromophenyl-phenylether	16.658	248	99473	40.84	ng/ul	94
69) Hexachlorobenzene	16.775	284	109238	39.61	ng/ul	96
70) Atrazine	16.916	200	73639	28.94	ng/ul	96
71) Pentachlorophenol	17.122	266	51838	31.49	ng/ul	94
72) Phenanthrene	17.515	178	430361	40.41	ng/ul	99
74) Anthracene	17.610	178	406358	37.35	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.520	216	114037	38.28	ng/uL	91
76) Pentachlorobenzene	15.042	250	118306	37.44	ng/uL	97
77) Carbazole	17.874	167	384342	39.60	ng/ul	99
78) Di-n-butylphthalate	18.426	149	477314	39.31	ng/ul	99
80) Fluoranthene	19.525	202	533108	40.98	ng/ul	99
82) Pyrene	19.883	202	522259	40.29	ng/ul	99
83) Butylbenzylphthalate	20.765	149	208288	40.93	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.652	252	172791	33.89	ng/ul	96
85) Benzo(a)anthracene	21.740	228	523820	39.06	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.634	149	295348	39.79	ng/ul	99
87) Chrysene	21.805	228	504102	39.74	ng/ul	99
89) Di-n-octyl phthalate	22.874	149	497506	42.59	ng/ul	100
90) Benzo(b)fluoranthene	24.008	252	548879m	42.87	ng/ul	
91) Benzo(k)fluoranthene	24.073	252	541558	43.38	ng/ul	96
93) Benzo(a)pyrene	24.901	252	476074	42.25	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.826	276	645119	44.38	ng/ul	95
95) Dibenzo(a,h)anthracene	28.896	278	540323	44.87	ng/ul	98
96) Benzo(g,h,i)perylene	30.013	276	528795	44.00	ng/ul#	93

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

