

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049271.D
 Acq On : 10 Jul 2021 18:25
 Operator : CG/JU
 Sample : PB137576BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS576

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:34:53 PM

Quant Time: Jul 11 00:38:28 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	8.077	152	30289	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	125007	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.722	164	91008	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.472	188	219760	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.755	240	225149	20.000	ng/ul	0.00
88) Perylene-d12	25.051	264	212530	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	4141	6.431	ng/uL	-0.01
4) Pyridine-d5	3.882	84	50852	26.858	ng/ul	0.00
7) Phenol-d5	7.219	99	91003	34.540	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	53446	34.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	66313	34.055	ng/ul	0.00
15) 4-Methylphenol-d8	8.782	113	72949	34.557	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	34637	36.108	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	42320	38.432	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.509	165	79180	36.851	ng/ul	0.00
31) 4-Chloroaniline-d4	11.026	131	88018	31.434	ng/ul	0.00
46) Dimethylphthalate-d6	14.117	166	275837	39.411	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	312402	38.042	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	44604	38.502	ng/ul	0.00
60) Fluorene-d10	15.715	176	229938	38.803	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	54685	39.149	ng/ul	0.00
73) Anthracene-d10	17.572	188	359814	35.962	ng/ul	0.00
81) Pyrene-d10	19.857	212	454018	39.344	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.828	264	462912	41.900	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.494	88	9729m	12.407	ng/uL	
5) Pyridine	3.905	79	59455	28.307	ng/ul	94
6) Benzaldehyde	7.201	77	61654m	38.898	ng/ul	
8) Phenol	7.248	94	94152	35.732	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.483	93	63064	32.189	ng/ul#	84
12) 2-Chlorophenol	7.636	128	67169	34.174	ng/ul	93
13) 2-Methylphenol	8.512	108	68057	33.909	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.600	45	110716	35.135	ng/ul	98
16) Acetophenone	8.899	105	123496	35.664	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.882	70	63553	36.120	ng/ul	94
18) 4-Methylphenol	8.841	108	73531	35.216	ng/ul	86
19) Hexachloroethane	9.164	117	30550	34.328	ng/ul#	79
22) Nitrobenzene	9.287	77	99373	36.734	ng/ul#	94
23) Isophorone	9.810	82	177067	37.891	ng/ul	99
25) 2-Nitrophenol	9.998	139	41619	37.047	ng/ul	98
26) 2,4-Dimethylphenol	10.051	107	54374	21.859	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.292	93	95305	38.254	ng/ul	99
29) 2,4-Dichlorophenol	10.539	162	74513	37.953	ng/ul	94
30) Naphthalene	10.944	128	231287	37.109	ng/ul	98
32) 4-Chloroaniline	11.050	127	87638	31.746	ng/ul	93
33) Hexachlorobutadiene	11.226	225	60392	36.274	ng/ul	95
34) Caprolactam	11.814	113	27328m	40.013	ng/ul	
35) 4-Chloro-3-methylphenol	12.172	107	89266	40.703	ng/ul	95
36) 2-Methylnaphthalene	12.548	142	177209	37.423	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.765	142	172430	36.616	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.912	216	109945	38.463	ng/ul#	96
40) Hexachlorocyclopentadiene	12.895	237	45140	23.778	ng/ul	97
41) 2,4,6-Trichlorophenol	13.153	196	67550	36.533	ng/ul	88
42) 2,4,5-Trichlorophenol	13.230	196	74910	38.090	ng/ul	89
43) 1,1'-Biphenyl	13.553	154	239000	38.871	ng/ul	100
44) 2-Chloronaphthalene	13.600	162	185614	38.531	ng/ul	98
45) 2-Nitroaniline	13.794	65	73941	41.865	ng/ul	95
47) Dimethylphthalate	14.170	163	267094	41.114	ng/ul#	99
48) 2,6-Dinitrotoluene	14.287	165	57546	41.131	ng/ul#	83
50) Acenaphthylene	14.440	152	279234	38.232	ng/ul	99
51) 3-Nitroaniline	14.616	138	52445	41.165	ng/ul	85
52) Acenaphthene	14.787	153	211326	39.842	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	37659	42.472	ng/ul	87
55) 4-Nitrophenol	14.928	109	61446	42.016	ng/ul	94
56) Dibenzofuran	15.121	168	303599	40.388	ng/ul	92
57) 2,4-Dinitrotoluene	15.080	165	85224	42.212	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.345	232	63672	34.525	ng/ul	98
59) Diethylphthalate	15.533	149	281355	40.291	ng/ul	98
61) Fluorene	15.768	166	257279	40.440	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.756	204	142684	40.797	ng/ul	98
63) 4-Nitroaniline	15.785	138	57008	45.581	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.844	198	52080	39.180	ng/ul#	97
67) N-Nitrosodiphenylamine	15.968	169	221381	39.567	ng/ul	96
68) 4-Bromophenyl-phenylether	16.655	248	103422	42.194	ng/ul	96
69) Hexachlorobenzene	16.772	284	112013	40.352	ng/ul	98
70) Atrazine	16.913	200	67981	26.548	ng/ul	98
71) Pentachlorophenol	17.119	266	52248	31.536	ng/ul	99
72) Phenanthrene	17.513	178	429473	40.067	ng/ul	98
74) Anthracene	17.607	178	401995	36.713	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.523	216	114990	38.356	ng/uL	93
76) Pentachlorobenzene	15.039	250	119490	37.570	ng/uL	97
77) Carbazole	17.871	167	388049	39.727	ng/ul	99
78) Di-n-butylphthalate	18.423	149	481543	39.402	ng/ul	100
80) Fluoranthene	19.522	202	538360	40.114	ng/ul	99
82) Pyrene	19.886	202	533555	39.900	ng/ul	98
83) Butylbenzylphthalate	20.762	149	214147	40.791	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.649	252	172584	32.808	ng/ul	99
85) Benzo(a)anthracene	21.737	228	528080	38.166	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.631	149	304424	39.756	ng/ul	100
87) Chrysene	21.802	228	514524	39.313	ng/ul	98
89) Di-n-octyl phthalate	22.871	149	511985	42.797	ng/ul	100
90) Benzo(b)fluoranthene	24.005	252	568911	43.391	ng/ul#	99
91) Benzo(k)fluoranthene	24.070	252	550011	43.024	ng/ul	95
93) Benzo(a)pyrene	24.898	252	483726	41.923	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.823	276	655984	44.064	ng/ul	92
95) Dibenzo(a,h)anthracene	28.888	278	549187	44.538	ng/ul	96
96) Benzo(g,h,i)perylene	30.010	276	540721	43.931	ng/ul	95

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

