

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
 Data File : BG049464.D
 Acq On : 25 Jul 2021 00:18
 Operator : CG/JU
 Sample : PB137808BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS808

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:31:46 PM

Quant Time: Jul 25 07:23:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 06:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	21401	20.00	ng/ul	0.00
20) Naphthalene-d8	10.865	136	86356	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	57877	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	128986	20.00	ng/ul	0.00
79) Chrysene-d12	21.727	240	134266	20.00	ng/ul	0.00
88) Perylene-d12	24.999	264	142829	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	3524	7.53	ng/uL	0.00
4) Pyridine-d5	3.851	84	55733	41.48	ng/ul	0.00
7) Phenol-d5	7.199	99	71499	37.76	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	41057	38.29	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	53730	39.59	ng/ul	0.00
15) 4-Methylphenol-d8	8.756	113	56193	39.37	ng/ul	0.00
21) Nitrobenzene-d5	9.214	128	27538	41.48	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	30914	39.73	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	57462	40.61	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	71609	36.31	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	180546	40.72	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	208303	40.45	ng/ul	0.00
54) 4-Nitrophenol-d4	14.889	143	29140	39.91	ng/ul	0.00
60) Fluorene-d10	15.688	176	153102	40.08	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	31898	39.91	ng/ul	0.00
73) Anthracene-d10	17.544	188	241051	40.21	ng/ul	0.00
81) Pyrene-d10	19.829	212	296647	43.21	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.776	264	306585	40.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	8857	13.85	ng/uL	91
5) Pyridine	3.875	79	58515m	40.72	ng/ul	
6) Benzaldehyde	7.182	77	50951	45.10	ng/ul	97
8) Phenol	7.229	94	73585	39.78	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.464	93	51491	40.41	ng/ul	98
12) 2-Chlorophenol	7.611	128	52859	40.45	ng/ul#	93
13) 2-Methylphenol	8.492	108	56289	39.93	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.568	45	58364	39.08	ng/ul	95
16) Acetophenone	8.874	105	88655	38.60	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.856	70	47816	40.37	ng/ul#	89
18) 4-Methylphenol	8.821	108	59120	39.86	ng/ul	97
19) Hexachloroethane	9.138	117	25393	43.14	ng/ul	86
22) Nitrobenzene	9.261	77	79295	40.00	ng/ul	97
23) Isophorone	9.784	82	131094	39.47	ng/ul	99
25) 2-Nitrophenol	9.972	139	31768	43.39	ng/ul#	91
26) 2,4-Dimethylphenol	10.031	107	64202	36.79	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.266	93	67476	40.73	ng/ul	95
29) 2,4-Dichlorophenol	10.513	162	54216	39.19	ng/ul	94
30) Naphthalene	10.918	128	174997	39.34	ng/ul	98
32) 4-Chloroaniline	11.024	127	70229	37.44	ng/ul#	84
33) Hexachlorobutadiene	11.200	225	42313	40.01	ng/ul	95
34) Caprolactam	11.793	113	18125m	38.53	ng/ul	
35) 4-Chloro-3-methylphenol	12.146	107	64129	41.20	ng/ul	96
36) 2-Methylnaphthalene	12.522	142	129628	39.82	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	124960	37.98	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.892	216	70557	41.02	ng/ul	94
40) Hexachlorocyclopentadiene	12.868	237	38264	36.92	ng/ul	93
41) 2,4,6-Trichlorophenol	13.127	196	43736	41.37	ng/ul	88
42) 2,4,5-Trichlorophenol	13.203	196	49241	43.62	ng/ul	92
43) 1,1'-Biphenyl	13.526	154	168064	40.78	ng/ul	98
44) 2-Chloronaphthalene	13.573	162	130335	40.64	ng/ul	95
45) 2-Nitroaniline	13.773	65	49655	43.63	ng/ul	97
47) Dimethylphthalate	14.143	163	171843	39.86	ng/ul	99
48) 2,6-Dinitrotoluene	14.266	165	35694	41.48	ng/ul	94
50) Acenaphthylene	14.419	152	194760	39.60	ng/ul	93
51) 3-Nitroaniline	14.595	138	35420	41.27	ng/ul#	83
52) Acenaphthene	14.760	153	141376	40.08	ng/ul	99
53) 2,4-Dinitrophenol	14.807	184	17285	40.32	ng/ul	85
55) 4-Nitrophenol	14.907	109	41257	41.67	ng/ul	94
56) Dibenzofuran	15.095	168	196161	41.19	ng/ul	97
57) 2,4-Dinitrotoluene	15.054	165	51736	42.42	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.318	232	41436	40.45	ng/ul#	98
59) Diethylphthalate	15.506	149	179756	40.29	ng/ul	98
61) Fluorene	15.747	166	163875	40.53	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.735	204	85732	40.74	ng/ul	89
63) 4-Nitroaniline	15.758	138	35723	41.98	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.817	198	31127	42.31	ng/ul#	84
67) N-Nitrosodiphenylamine	15.946	169	137258	40.60	ng/ul	97
68) 4-Bromophenyl-phenylether	16.628	248	58717	40.88	ng/ul	94
69) Hexachlorobenzene	16.751	284	65455	40.28	ng/ul	94
70) Atrazine	16.892	200	63028	40.82	ng/ul	94
71) Pentachlorophenol	17.098	266	29170	38.77	ng/ul	91
72) Phenanthrene	17.491	178	272170	40.53	ng/ul	97
74) Anthracene	17.579	178	267783	39.35	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.497	216	74347	42.42	ng/uL	95
76) Pentachlorobenzene	15.012	250	77115	41.58	ng/uL	96
77) Carbazole	17.850	167	247130	40.62	ng/ul	97
78) Di-n-butylphthalate	18.402	149	303751	40.15	ng/ul	99
80) Fluoranthene	19.500	202	351049	42.11	ng/ul	99
82) Pyrene	19.859	202	349790	42.26	ng/ul	100
83) Butylbenzylphthalate	20.740	149	141122	43.80	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.615	252	127926	41.47	ng/ul	96
85) Benzo(a)anthracene	21.703	228	343090	41.79	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.603	149	203775	42.61	ng/ul	96
87) Chrysene	21.774	228	324475	41.30	ng/ul	98
89) Di-n-octyl phthalate	22.831	149	337851	40.24	ng/ul	100
90) Benzo(b)fluoranthene	23.959	252	378778	42.31	ng/ul	99
91) Benzo(k)fluoranthene	24.030	252	347922m	39.71	ng/ul	
93) Benzo(a)pyrene	24.846	252	319396	41.13	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.747	276	418263	42.21	ng/ul	98
95) Dibenzo(a,h)anthracene	28.800	278	345848m	42.18	ng/ul	
96) Benzo(g,h,i)perylene	29.922	276	345678	41.96	ng/ul#	93

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

