

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049270.D
 Acq On : 10 Jul 2021 17:44
 Operator : CG/JU
 Sample : PB137519BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS519

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:35:18 PM

Quant Time: Jul 11 00:38:19 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	8.072	152	31034	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.892	136	132580	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.717	164	98206	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.467	188	235499	20.000	ng/ul	0.00
79) Chrysene-d12	21.756	240	232724	20.000	ng/ul	0.00
88) Perylene-d12	25.046	264	219439	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	4313	6.537	ng/uL	0.00
4) Pyridine-d5	3.883	84	51241	26.414	ng/ul	0.00
7) Phenol-d5	7.220	99	94546	35.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.391	67	54201	34.618	ng/ul	0.00
11) 2-Chlorophenol-d4	7.602	132	73250	36.714	ng/ul	0.00
15) 4-Methylphenol-d8	8.777	113	76292	35.273	ng/ul	0.00
21) Nitrobenzene-d5	9.241	128	36501	35.878	ng/ul	0.00
24) 2-Nitrophenol-d4	9.964	143	43903	37.592	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.511	165	86084	37.775	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	92698	31.215	ng/ul	0.00
46) Dimethylphthalate-d6	14.118	166	288060	38.140	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	326940	36.894	ng/ul	0.00
54) 4-Nitrophenol-d4	14.911	143	48050	38.437	ng/ul	0.00
60) Fluorene-d10	15.710	176	246758	38.589	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	56678	37.864	ng/ul	0.00
73) Anthracene-d10	17.567	188	375353	35.008	ng/ul	0.00
81) Pyrene-d10	19.853	212	473678	39.711	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.823	264	489026	42.870	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.501	88	11740	14.612	ng/uL#	83
5) Pyridine	3.901	79	62331	28.963	ng/ul	96
6) Benzaldehyde	7.209	77	65723	40.470	ng/ul	95
8) Phenol	7.250	94	95547	35.391	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.485	93	68325	34.037	ng/ul#	77
12) 2-Chlorophenol	7.632	128	70317	34.917	ng/ul	98
13) 2-Methylphenol	8.513	108	72010	35.017	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.601	45	117221	36.306	ng/ul	96
16) Acetophenone	8.901	105	131480	37.058	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.883	70	67140	37.242	ng/ul	97
18) 4-Methylphenol	8.842	108	75557	35.318	ng/ul	86
19) Hexachloroethane	9.165	117	32551	35.699	ng/ul	91
22) Nitrobenzene	9.283	77	106271	37.040	ng/ul#	97
23) Isophorone	9.811	82	188564	38.047	ng/ul	98
25) 2-Nitrophenol	9.999	139	43995	36.925	ng/ul	97
26) 2,4-Dimethylphenol	10.052	107	58271	22.087	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.287	93	99333	37.593	ng/ul	95
29) 2,4-Dichlorophenol	10.540	162	78485	37.693	ng/ul	96
30) Naphthalene	10.945	128	245002	37.064	ng/ul	99
32) 4-Chloroaniline	11.045	127	92035	31.434	ng/ul	99
33) Hexachlorobutadiene	11.227	225	63777	36.119	ng/ul	97
34) Caprolactam	11.815	113	27920m	38.545	ng/ul	
35) 4-Chloro-3-methylphenol	12.167	107	94658	40.697	ng/ul	99
36) 2-Methylnaphthalene	12.549	142	187250	37.284	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.767	142	182444	36.529	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.914	216	115653	37.494	ng/ul	95
40) Hexachlorocyclopentadiene	12.896	237	50730	24.764	ng/ul	99
41) 2,4,6-Trichlorophenol	13.149	196	71014	35.591	ng/ul	90
42) 2,4,5-Trichlorophenol	13.225	196	78416	36.950	ng/ul	90
43) 1,1'-Biphenyl	13.554	154	254192	38.312	ng/ul	98
44) 2-Chloronaphthalene	13.595	162	195307	37.571	ng/ul	98
45) 2-Nitroaniline	13.795	65	80660	42.322	ng/ul	93
47) Dimethylphthalate	14.165	163	273211	38.973	ng/ul	98
48) 2,6-Dinitrotoluene	14.288	165	61480	40.722	ng/ul	95
50) Acenaphthylene	14.441	152	300006	38.066	ng/ul	99
51) 3-Nitroaniline	14.618	138	55357	40.266	ng/ul	94
52) Acenaphthene	14.782	153	221357	38.674	ng/ul	99
53) 2,4-Dinitrophenol	14.823	184	38451	40.187	ng/ul#	87
55) 4-Nitrophenol	14.929	109	62092	39.346	ng/ul	93
56) Dibenzofuran	15.117	168	315268	38.866	ng/ul	98
57) 2,4-Dinitrotoluene	15.076	165	87086	39.973	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.340	232	68927	34.636	ng/ul#	88
59) Diethylphthalate	15.528	149	298317	39.588	ng/ul	99
61) Fluorene	15.769	166	269356	39.235	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.757	204	151003	40.011	ng/ul	99
63) 4-Nitroaniline	15.787	138	61307	45.426	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.840	198	56414	39.604	ng/ul#	97
67) N-Nitrosodiphenylamine	15.969	169	232490	38.775	ng/ul	98
68) 4-Bromophenyl-phenylether	16.656	248	104917	39.943	ng/ul	97
69) Hexachlorobenzene	16.774	284	119195	40.070	ng/ul	96
70) Atrazine	16.915	200	72781	26.523	ng/ul	98
71) Pentachlorophenol	17.120	266	56058	31.574	ng/ul	97
72) Phenanthrene	17.514	178	451139	39.276	ng/ul	97
74) Anthracene	17.602	178	421311	35.906	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.519	216	119265	37.123	ng/ul	97
76) Pentachlorobenzene	15.041	250	127605	37.440	ng/ul	97
77) Carbazole	17.873	167	406423	38.828	ng/ul	98
78) Di-n-butylphthalate	18.425	149	502393	38.361	ng/ul	100
80) Fluoranthene	19.518	202	566910	40.866	ng/ul	98
82) Pyrene	19.882	202	553375	40.035	ng/ul	99
83) Butylbenzylphthalate	20.763	149	223338	41.157	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.645	252	183451	33.739	ng/ul	98
85) Benzo(a)anthracene	21.733	228	557811	39.003	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.633	149	320950	40.550	ng/ul	99
87) Chrysene	21.803	228	535515	39.585	ng/ul	99
89) Di-n-octyl phthalate	22.873	149	534613	43.282	ng/ul	100
90) Benzo(b)fluoranthene	24.001	252	596679	44.076	ng/ul	97
91) Benzo(k)fluoranthene	24.071	252	570008	43.184	ng/ul	95
93) Benzo(a)pyrene	24.900	252	502043	42.141	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.824	276	683419	44.461	ng/ul	97
95) Dibenzo(a,h)anthracene	28.889	278	574036	45.088	ng/ul	97
96) Benzo(g,h,i)perylene	30.005	276	567810	44.680	ng/ul#	93

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

