

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050216.D
 Acq On : 9 Sep 2021 2:59
 Operator : CG/JU
 Sample : PB138845BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS845

Manual Integrations
 APPROVED

mohammad
 9/9/2021 11:47:10 AM

Quant Time: Sep 09 05:21:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	69701	20.000	ng/u1	0.00
20) Naphthalene-d8	10.764	136	211531	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.606	164	103096	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.367	188	231417	20.000	ng/u1	0.00
79) Chrysene-d12	21.637	240	236381	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	239393	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	7148m	5.070	ng/uL	0.00
4) Pyridine-d5	3.732	84	106652	21.311	ng/u1	0.00
7) Phenol-d5	7.122	99	101017	18.666	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	54733	17.317	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.480	132	78641	17.509	ng/u1	0.00
15) 4-Methylphenol-d8	8.673	113	90318	21.226	ng/u1	0.00
21) Nitrobenzene-d5	9.119	128	38260	26.351	ng/u1	0.00
24) 2-Nitrophenol-d4	9.847	143	44863	25.411	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.394	165	82487	24.480	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.911	131	124731	30.045	ng/u1	0.00
46) Dimethylphthalate-d6	14.012	166	241680	31.046	ng/u1	0.00
49) Acenaphthylene-d8	14.306	160	295316	31.860	ng/u1	0.00
54) 4-Nitrophenol-d4	14.841	143	29413m	31.314	ng/u1	-0.01
60) Fluorene-d10	15.604	176	204552	31.646	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	41037	29.397	ng/u1	0.00
73) Anthracene-d10	17.461	188	315742	30.393	ng/u1	0.00
81) Pyrene-d10	19.758	212	396886	33.708	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.633	264	392361	30.961	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	16371	10.197	ng/uL	95
5) Pyridine	3.750	79	113864	21.646	ng/u1#	83
6) Benzaldehyde	7.081	77	77460m	25.820	ng/u1	
8) Phenol	7.145	94	106826	20.045	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.363	93	75738	19.168	ng/u1	97
12) 2-Chlorophenol	7.509	128	80107	18.304	ng/u1#	91
13) 2-Methylphenol	8.402	108	100483	23.426	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.473	45	91020m	22.825	ng/u1	
16) Acetophenone	8.778	105	132433	21.154	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.761	70	67915	20.343	ng/u1	94
18) 4-Methylphenol	8.737	108	92664	22.745	ng/u1	81
19) Hexachloroethane	9.025	117	35426	19.405	ng/u1	99
22) Nitrobenzene	9.166	77	105108	27.797	ng/u1	99
23) Isophorone	9.683	82	178286	24.691	ng/u1	95
25) 2-Nitrophenol	9.877	139	45375	26.052	ng/u1#	91
26) 2,4-Dimethylphenol	9.941	107	91453	22.065	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.165	93	98749	22.546	ng/u1	99
29) 2,4-Dichlorophenol	10.423	162	81475	26.436	ng/u1	98
30) Naphthalene	10.817	128	415618	42.781	ng/u1	98
32) 4-Chloroaniline	10.928	127	123963	31.700	ng/u1	93
33) Hexachlorobutadiene	11.093	225	77014	31.525	ng/u1	97
34) Caprolactam	11.698	113	48423m	51.643	ng/u1	
35) 4-Chloro-3-methylphenol	12.074	107	163914	47.188	ng/u1	98
36) 2-Methylnaphthalene	12.432	142	318366	44.315	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.650	142	299572	43.427	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.802	216	166295	47.690	ng/ul#	97
40) Hexachlorocyclopentadiene	12.773	237	24846	26.278	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.049	196	94600	48.051	ng/ul	88
42) 2,4,5-Trichlorophenol	13.131	196	85158	41.362	ng/ul	93
43) 1,1'-Biphenyl	13.437	154	303562	40.786	ng/ul	99
44) 2-Chloronaphthalene	13.484	162	213363	36.453	ng/ul	98
45) 2-Nitroaniline	13.695	65	59854	32.301	ng/ul	98
47) Dimethylphthalate	14.059	163	240968	32.431	ng/ul	99
48) 2,6-Dinitrotoluene	14.189	165	52753	33.345	ng/ul	91
50) Acenaphthylene	14.330	152	280997	32.437	ng/ul	99
51) 3-Nitroaniline	14.524	138	50957	35.380	ng/ul	99
52) Acenaphthene	14.670	153	203522	32.971	ng/ul	96
53) 2,4-Dinitrophenol	14.753	184	18518	28.581	ng/ul#	77
55) 4-Nitrophenol	14.858	109	34142	32.662	ng/ul	92
56) Dibenzofuran	15.011	168	277415	32.666	ng/ul	100
57) 2,4-Dinitrotoluene	14.988	165	76373	33.783	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.246	232	57572	36.920	ng/ul#	93
59) Diethylphthalate	15.422	149	246130	32.774	ng/ul	95
61) Fluorene	15.657	166	233389	32.779	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.646	204	121905	32.156	ng/ul	98
63) 4-Nitroaniline	15.693	138	53496	39.881	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.763	198	37752	30.451	ng/ul	99
67) N-Nitrosodiphenylamine	15.863	169	197029	31.487	ng/ul	99
68) 4-Bromophenyl-phenylether	16.544	248	91397	33.328	ng/ul	93
69) Hexachlorobenzene	16.674	284	100642	32.369	ng/ul	93
70) Atrazine	16.815	200	87846	33.481	ng/ul	99
71) Pentachlorophenol	17.032	266	22155	26.013	ng/ul	90
72) Phenanthrene	17.408	178	383111	32.459	ng/ul	98
74) Anthracene	17.496	178	377304	31.526	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.407	216	134068	37.383	ng/ul	90
76) Pentachlorobenzene	14.935	250	113402	30.625	ng/ul	96
77) Carbazole	17.772	167	338753	32.106	ng/ul	99
78) Di-n-butylphthalate	18.313	149	419501	32.877	ng/ul	98
80) Fluoranthene	19.423	202	482589	32.977	ng/ul#	98
82) Pyrene	19.781	202	474640	33.068	ng/ul	98
83) Butylbenzylphthalate	20.656	149	190563	34.715	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.526	252	174689	34.261	ng/ul#	97
85) Benzo(a)anthracene	21.614	228	465022	32.134	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.502	149	268832	32.792	ng/ul	100
87) Chrysene	21.684	228	442527	32.804	ng/ul	96
89) Di-n-octyl phthalate	22.701	149	457497	33.021	ng/ul	100
90) Benzo(b)fluoranthene	23.823	252	493022	32.908	ng/ul#	99
91) Benzo(k)fluoranthene	23.893	252	468673	32.772	ng/ul	100
93) Benzo(a)pyrene	24.698	252	432123	32.992	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.540	276	556288	32.414	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.581	278	461946	32.447	ng/ul	98
96) Benzo(g,h,i)perylene	29.685	276	452190	32.886	ng/ul	97

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

