

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
 Data File : BG050856.D
 Acq On : 3 Nov 2021 18:59
 Operator : CG/JU
 Sample : PB140350BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS350

Quant Time: Nov 07 07:39:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 14:49:05 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	33967	20.000	ng/u1	0.00
20) Naphthalene-d8	11.054	136	156125	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.856	164	110676	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.600	188	244017	20.000	ng/u1	0.00
79) Chrysene-d12	21.895	240	207035	20.000	ng/u1	-0.01
88) Perylene-d12	25.291	264	205100	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.587	96	5215	4.955	ng/uL	0.00
4) Pyridine-d5	4.010	84	79770	25.337	ng/u1	0.00
7) Phenol-d5	7.370	99	100519	27.739	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	63372	27.073	ng/u1	0.00
11) 2-Chlorophenol-d4	7.758	132	69990	27.870	ng/u1	0.00
15) 4-Methylphenol-d8	8.927	113	78731	27.598	ng/u1	0.00
21) Nitrobenzene-d5	9.403	128	37857	28.533	ng/u1	0.00
24) 2-Nitrophenol-d4	10.132	143	42776	28.996	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.672	165	73432	29.549	ng/u1	0.00
31) 4-Chloroaniline-d4	11.189	131	100831	26.793	ng/u1	0.00
46) Dimethylphthalate-d6	14.251	166	248425	29.339	ng/u1	0.00
49) Acenaphthylene-d8	14.550	160	301714	28.600	ng/u1	0.00
54) 4-Nitrophenol-d4	15.044	143	43477	28.319	ng/u1	0.00
60) Fluorene-d10	15.843	176	213460	28.458	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.960	200	41670	28.166	ng/u1	0.00
73) Anthracene-d10	17.699	188	324288	28.109	ng/u1	0.00
81) Pyrene-d10	19.973	212	379571	28.385	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.067	264	321762	28.378	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.622	88	12990	11.238	ng/uL#	90
5) Pyridine	4.033	79	88217	27.069	ng/u1	97
6) Benzaldehyde	7.364	77	73485	32.152	ng/u1	96
8) Phenol	7.400	94	111751	29.812	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.641	93	83669	29.820	ng/u1	97
12) 2-Chlorophenol	7.787	128	76562	30.027	ng/u1	94
13) 2-Methylphenol	8.663	108	82920	29.927	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.751	45	130565	29.543	ng/u1	98
16) Acetophenone	9.057	105	131077	29.578	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.033	70	80621	30.152	ng/u1	98
18) 4-Methylphenol	8.992	108	89639	30.385	ng/u1	99
19) Hexachloroethane	9.321	117	31546	29.591	ng/u1	97
22) Nitrobenzene	9.444	77	114115	30.839	ng/u1	99
23) Isophorone	9.967	82	226662	31.562	ng/u1	99
25) 2-Nitrophenol	10.161	139	46726	31.571	ng/u1	96
26) 2,4-Dimethylphenol	10.208	107	97603	29.965	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.443	93	121313	31.352	ng/u1	98
29) 2,4-Dichlorophenol	10.696	162	77717	32.062	ng/u1	95
30) Naphthalene	11.107	128	260793	30.548	ng/u1	98
32) 4-Chloroaniline	11.213	127	110211	29.493	ng/u1	99
33) Hexachlorobutadiene	11.377	225	48489	30.478	ng/u1	96
34) Caprolactam	11.971	113	32058m	31.152	ng/u1	
35) 4-Chloro-3-methylphenol	12.312	107	100969	32.607	ng/u1	97
36) 2-Methylnaphthalene	12.699	142	181329	31.177	ng/u1	96

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37) 1-Methylnaphthalene	12.911	142	184413	31.292	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.058	216	95784	29.702	ng/ul	99
40) Hexachlorocyclopentadiene	13.028	237	38700	24.990	ng/ul	99
41) 2,4,6-Trichlorophenol	13.293	196	66337	31.437	ng/ul	99
42) 2,4,5-Trichlorophenol	13.369	196	71353	31.496	ng/ul	98
43) 1,1'-Biphenyl	13.692	154	246339	30.451	ng/ul	98
44) 2-Chloronaphthalene	13.739	162	190768	30.092	ng/ul	98
45) 2-Nitroaniline	13.939	65	79461	31.549	ng/ul	94
47) Dimethylphthalate	14.298	163	263447	31.116	ng/ul	100
48) 2,6-Dinitrotoluene	14.427	165	56701	31.998	ng/ul	95
50) Acenaphthylene	14.580	152	324894	30.729	ng/ul	99
51) 3-Nitroaniline	14.756	138	58246	31.781	ng/ul	92
52) Acenaphthene	14.920	153	214655	30.876	ng/ul	98
53) 2,4-Dinitrophenol	14.967	184	27177	27.801	ng/ul	96
55) 4-Nitrophenol	15.055	109	43012	30.548	ng/ul	94
56) Dibenzofuran	15.249	168	304605	30.610	ng/ul	98
57) 2,4-Dinitrotoluene	15.208	165	81692	32.303	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.473	232	57105	32.075	ng/ul	99
59) Diethylphthalate	15.649	149	283123	31.241	ng/ul	99
61) Fluorene	15.902	166	241552	30.668	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.884	204	126495	30.842	ng/ul	98
63) 4-Nitroaniline	15.919	138	58201	32.011	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.972	198	43947	30.461	ng/ul	99
67) N-Nitrosodiphenylamine	16.095	169	217546	31.894	ng/ul	97
68) 4-Bromophenyl-phenylether	16.777	248	76971	31.711	ng/ul	98
69) Hexachlorobenzene	16.900	284	78667	31.525	ng/ul	96
70) Atrazine	17.035	200	88193	30.491	ng/ul	99
71) Pentachlorophenol	17.241	266	36307	31.691	ng/ul	95
72) Phenanthrene	17.641	178	409386	31.429	ng/ul	99
74) Anthracene	17.735	178	397850	30.442	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.657	216	100750	30.323	ng/uL	99
76) Pentachlorobenzene	15.167	250	93756	30.455	ng/uL	98
77) Carbazole	17.999	167	379261	32.377	ng/ul	98
78) Di-n-butylphthalate	18.534	149	486068	31.579	ng/ul	100
80) Fluoranthene	19.638	202	494801	30.832	ng/ul	99
82) Pyrene	20.003	202	479213	30.561	ng/ul	99
83) Butylbenzylphthalate	20.866	149	213027	31.593	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.783	252	150006	29.751	ng/ul	98
85) Benzo(a)anthracene	21.877	228	449074	31.332	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.748	149	307209	31.740	ng/ul	98
87) Chrysene	21.942	228	420554	30.716	ng/ul	98
89) Di-n-octyl phthalate	23.017	149	518879	31.075	ng/ul	100
90) Benzo(b)fluoranthene	24.204	252	453646	31.048	ng/ul	99
91) Benzo(k)fluoranthene	24.280	252	411272	29.996	ng/ul	99
93) Benzo(a)pyrene	25.138	252	423704	30.447	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.198	276	478325	30.877	ng/ul	98
95) Dibenzo(a,h)anthracene	29.268	278	403695	30.799	ng/ul	98
96) Benzo(g,h,i)perylene	30.432	276	397037	30.618	ng/ul	98

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

