

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
 Data File : BG050857.D
 Acq On : 3 Nov 2021 19:40
 Operator : CG/JU
 Sample : PB140426BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS426

Quant Time: Nov 07 07:42:35 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	8.227	152	30092	20.000	ng/u1	0.00
20) Naphthalene-d8	11.053	136	136290	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.854	164	95346	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.598	188	214591	20.000	ng/u1	0.00
79) Chrysene-d12	21.893	240	181704	20.000	ng/u1	-0.01
88) Perylene-d12	25.289	264	180428	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.591	96	5330	5.717	ng/uL	0.00
4) Pyridine-d5	4.008	84	80908	29.007	ng/u1	0.00
7) Phenol-d5	7.375	99	98363	30.640	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.545	67	63610	30.674	ng/u1	0.00
11) 2-Chlorophenol-d4	7.757	132	69390	31.189	ng/u1	0.00
15) 4-Methylphenol-d8	8.926	113	77618	30.712	ng/u1	0.00
21) Nitrobenzene-d5	9.402	128	37376	32.271	ng/u1	0.00
24) 2-Nitrophenol-d4	10.125	143	41532	32.250	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.671	165	70895	32.680	ng/u1	0.00
31) 4-Chloroaniline-d4	11.188	131	101060	30.762	ng/u1	0.00
46) Dimethylphthalate-d6	14.249	166	242996	33.312	ng/u1	0.00
49) Acenaphthylene-d8	14.549	160	295510	32.516	ng/u1	0.00
54) 4-Nitrophenol-d4	15.036	143	43187	32.653	ng/u1	0.00
60) Fluorene-d10	15.841	176	211636	32.751	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.959	200	41820	32.144	ng/u1	0.00
73) Anthracene-d10	17.698	188	321129	31.652	ng/u1	0.00
81) Pyrene-d10	19.972	212	382100	32.558	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.060	264	318658	31.948	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.626	88	12693	12.395	ng/uL	97
5) Pyridine	4.032	79	91018	31.524	ng/u1	97
6) Benzaldehyde	7.363	77	73760	36.428	ng/u1	96
8) Phenol	7.398	94	109620	33.009	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.639	93	84009	33.797	ng/u1	99
12) 2-Chlorophenol	7.786	128	75428	33.391	ng/u1	98
13) 2-Methylphenol	8.662	108	80952	32.980	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.750	45	128849	32.909	ng/u1	99
16) Acetophenone	9.055	105	129899	33.086	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.032	70	78809	33.270	ng/u1	99
18) 4-Methylphenol	8.991	108	87715	33.562	ng/u1	97
19) Hexachloroethane	9.320	117	31248	33.086	ng/u1	94
22) Nitrobenzene	9.443	77	112377	34.789	ng/u1	98
23) Isophorone	9.966	82	222286	35.457	ng/u1	98
25) 2-Nitrophenol	10.160	139	46154	35.723	ng/u1	97
26) 2,4-Dimethylphenol	10.207	107	96282	33.861	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.442	93	119673	35.429	ng/u1	97
29) 2,4-Dichlorophenol	10.694	162	76071	35.950	ng/u1	95
30) Naphthalene	11.106	128	256136	34.368	ng/u1	98
32) 4-Chloroaniline	11.212	127	109247	33.490	ng/u1	99
33) Hexachlorobutadiene	11.376	225	47282	34.044	ng/u1	98
34) Caprolactam	11.969	113	31784	35.381	ng/u1	97
35) 4-Chloro-3-methylphenol	12.310	107	99083	36.655	ng/u1	98
36) 2-Methylnaphthalene	12.698	142	178483	35.154	ng/u1	100

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37) 1-Methylnaphthalene	12.910	142	177792	34.559	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.056	216	95100	34.231	ng/ul	96
40) Hexachlorocyclopentadiene	13.027	237	38145	28.592	ng/ul	98
41) 2,4,6-Trichlorophenol	13.291	196	65340	35.943	ng/ul	96
42) 2,4,5-Trichlorophenol	13.368	196	68809	35.256	ng/ul	96
43) 1,1'-Biphenyl	13.691	154	240710	34.539	ng/ul	99
44) 2-Chloronaphthalene	13.738	162	188548	34.524	ng/ul	98
45) 2-Nitroaniline	13.938	65	76792	35.391	ng/ul	94
47) Dimethylphthalate	14.296	163	259731	35.610	ng/ul	98
48) 2,6-Dinitrotoluene	14.425	165	56083	36.738	ng/ul	96
50) Acenaphthylene	14.578	152	318147	34.929	ng/ul	99
51) 3-Nitroaniline	14.754	138	57086	36.156	ng/ul	91
52) Acenaphthene	14.919	153	209942	35.053	ng/ul	95
53) 2,4-Dinitrophenol	14.966	184	27671	32.858	ng/ul	95
55) 4-Nitrophenol	15.054	109	43780	36.092	ng/ul	95
56) Dibenzofuran	15.248	168	300257	35.024	ng/ul	98
57) 2,4-Dinitrotoluene	15.207	165	79612	36.542	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.471	232	57240	37.320	ng/ul	99
59) Diethylphthalate	15.648	149	279475	35.797	ng/ul	99
61) Fluorene	15.900	166	239503	35.297	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.883	204	123747	35.023	ng/ul	97
63) 4-Nitroaniline	15.918	138	58534	37.370	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.971	198	46040	36.288	ng/ul#	98
67) N-Nitrosodiphenylamine	16.094	169	214593	35.776	ng/ul	99
68) 4-Bromophenyl-phenylether	16.776	248	76704	35.934	ng/ul	98
69) Hexachlorobenzene	16.899	284	78286	35.674	ng/ul	99
70) Atrazine	17.034	200	89239	35.083	ng/ul	99
71) Pentachlorophenol	17.246	266	35214	34.952	ng/ul	97
72) Phenanthrene	17.639	178	407639	35.587	ng/ul	99
74) Anthracene	17.733	178	395762	34.434	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.656	216	99876	34.182	ng/uL	97
76) Pentachlorobenzene	15.166	250	91568	33.822	ng/uL	99
77) Carbazole	17.998	167	380248	36.912	ng/ul	98
78) Di-n-butylphthalate	18.532	149	482494	35.645	ng/ul	100
80) Fluoranthene	19.637	202	493124	35.012	ng/ul	98
82) Pyrene	20.001	202	478338	34.758	ng/ul	99
83) Butylbenzylphthalate	20.865	149	211206	35.689	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.782	252	148050	33.457	ng/ul	99
85) Benzo(a)anthracene	21.875	228	445687	35.431	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.746	149	302477	35.607	ng/ul	97
87) Chrysene	21.946	228	422253	35.139	ng/ul	99
89) Di-n-octyl phthalate	23.015	149	517018	35.198	ng/ul	100
90) Benzo(b)fluoranthene	24.208	252	448852	34.920	ng/ul	100
91) Benzo(k)fluoranthene	24.279	252	409302	33.935	ng/ul	98
93) Benzo(a)pyrene	25.136	252	419559	34.272	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.196	276	475610	34.900	ng/ul	97
95) Dibenzo(a,h)anthracene	29.267	278	397487	34.472	ng/ul	98
96) Benzo(g,h,i)perylene	30.424	276	391931m	34.358	ng/ul	

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

