

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059389.D
 Acq On : 8 Oct 2023 23:58
 Operator : MA/JU
 Sample : PB156054BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS054

Quant Time: Oct 09 02:13:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 22:45:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
 Supervised By :mohammad ahmed 10/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	46627	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	234742	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.863	164	155236	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.612	188	364537m	20.000	ng/u1	0.00
79) Chrysene-d12	21.919	240	323564	20.000	ng/u1	0.00
88) Perylene-d12	25.397	264	379061	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	8492	6.494	ng/uL	0.00
4) Pyridine-d5	3.958	84	120614	32.043	ng/u1	0.00
7) Phenol-d5	7.354	99	181527	35.259	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	98357	33.800	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	134785	37.433	ng/u1	0.00
15) 4-Methylphenol-d8	8.922	113	138450	34.515	ng/u1	0.00
21) Nitrobenzene-d5	9.428	128	70832	35.446	ng/u1	0.00
24) 2-Nitrophenol-d4	10.145	143	77793	35.968	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	144941	37.128	ng/u1	0.00
31) 4-Chloroaniline-d4	11.220	131	196196	31.640	ng/u1	0.00
46) Dimethylphthalate-d6	14.257	166	453050	35.623	ng/u1	0.00
49) Acenaphthylene-d8	14.563	160	544484	35.976	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	85152	35.729	ng/u1	0.00
60) Fluorene-d10	15.850	176	424424	34.962	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	89335	37.117	ng/u1	0.00
73) Anthracene-d10	17.712	188	635388	35.531	ng/u1	0.00
81) Pyrene-d10	19.986	212	703752	35.903	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.156	264	721761	36.184	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	20310	14.549	ng/uL#	82
5) Pyridine	3.981	79	113759	29.933	ng/u1	97
6) Benzaldehyde	7.371	77	81052	37.953	ng/u1	93
8) Phenol	7.383	94	187553	36.840	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.647	93	147792	37.695	ng/u1	93
12) 2-Chlorophenol	7.783	128	144219	38.010	ng/u1#	95
13) 2-Methylphenol	8.658	108	144980	38.111	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.740	45	305761	37.273	ng/u1	98
16) Acetophenone	9.069	105	223466	36.660	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.034	70	109651	36.101	ng/u1	88
18) 4-Methylphenol	8.987	108	155151	37.088	ng/u1	93
19) Hexachloroethane	9.310	117	55017	39.865	ng/u1	89
22) Nitrobenzene	9.469	77	161969	36.972	ng/u1#	94
23) Isophorone	9.974	82	337983	36.130	ng/u1	99
25) 2-Nitrophenol	10.180	139	88318	39.594	ng/u1	95
26) 2,4-Dimethylphenol	10.203	107	138244	31.417	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.462	93	215606	38.355	ng/u1	99
29) 2,4-Dichlorophenol	10.703	162	152080	38.687	ng/u1	95
30) Naphthalene	11.120	128	506041	37.273	ng/u1	98
32) 4-Chloroaniline	11.243	127	171090	29.166	ng/u1	95
33) Hexachlorobutadiene	11.349	225	89867	37.863	ng/u1	90
34) Caprolactam	12.025	113	48375m	33.889	ng/u1	
35) 4-Chloro-3-methylphenol	12.324	107	161094	38.190	ng/u1	99
36) 2-Methylnaphthalene	12.706	142	340406	37.610	ng/u1	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059389.D
 Acq On : 8 Oct 2023 23:58
 Operator : MA/JU
 Sample : PB156054BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS054

Quant Time: Oct 09 02:13:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 22:45:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
 Supervised By :mohammad ahmed 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.924	142	347976	37.029	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	13.053	216	181662	39.287	ng/ul	97
40) Hexachlorocyclopentadiene	13.000	237	101346	36.508	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.294	196	116789	37.223	ng/ul	95
42) 2,4,5-Trichlorophenol	13.370	196	129927	38.128	ng/ul	97
43) 1,1'-Biphenyl	13.699	154	507032	39.684	ng/ul	98
44) 2-Chloronaphthalene	13.752	162	379402	38.631	ng/ul	98
45) 2-Nitroaniline	13.969	65	126081	39.205	ng/ul	94
47) Dimethylphthalate	14.304	163	489877	38.326	ng/ul	98
48) 2,6-Dinitrotoluene	14.457	165	104207	40.411	ng/ul	96
50) Acenaphthylene	14.598	152	623135	38.303	ng/ul	98
51) 3-Nitroaniline	14.798	138	110289	43.678	ng/ul	90
52) Acenaphthene	14.927	153	421205	38.266	ng/ul	99
53) 2,4-Dinitrophenol	14.992	184	60977	32.920	ng/ul	94
55) 4-Nitrophenol	15.074	109	62433	38.826	ng/ul	92
56) Dibenzofuran	15.262	168	579494	38.155	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	146810	38.874	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.474	232	116379	35.592	ng/ul#	95
59) Diethylphthalate	15.650	149	478252	37.621	ng/ul	99
61) Fluorene	15.908	166	490781	37.979	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.891	204	245108	38.386	ng/ul	98
63) 4-Nitroaniline	15.955	138	112938	49.681	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.985	198	103055m	40.258	ng/ul	
67) N-Nitrosodiphenylamine	16.114	169	407552	39.507	ng/ul	99
68) 4-Bromophenyl-phenylether	16.790	248	150983	39.004	ng/ul	95
69) Hexachlorobenzene	16.884	284	170136	38.505	ng/ul	98
70) Atrazine	17.042	200	46943	11.477	ng/ul	92
71) Pentachlorophenol	17.236	266	91119m	35.483	ng/ul	
72) Phenanthrene	17.659	178	828555m	38.378	ng/ul	
74) Anthracene	17.747	178	848340	38.635	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.658	216	188979	39.903	ng/uL	94
76) Pentachlorobenzene	15.156	250	179794	36.681	ng/uL	95
77) Carbazole	18.023	167	716496	39.210	ng/ul	98
78) Di-n-butylphthalate	18.529	149	855380	39.566	ng/ul	99
80) Fluoranthene	19.651	202	951802	39.024	ng/ul	98
82) Pyrene	20.015	202	982543	38.762	ng/ul	99
83) Butylbenzylphthalate	20.867	149	374941	40.033	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.807	252	330934	40.998	ng/ul	94
85) Benzo(a)anthracene	21.895	228	950750	38.474	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.719	149	544469	38.870	ng/ul	99
87) Chrysene	21.966	228	891073	38.389	ng/ul	97
89) Di-n-octyl phthalate	23.012	149	943644	39.453	ng/ul	100
90) Benzo(b)fluoranthene	24.269	252	984394	39.415	ng/ul	100
91) Benzo(k)fluoranthene	24.351	252	987999	38.961	ng/ul	96
93) Benzo(a)pyrene	25.233	252	929981	39.090	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.434	276	1074601m	39.213	ng/ul	
95) Dibenzo(a,h)anthracene	29.510	278	875412	39.285	ng/ul	97
96) Benzo(g,h,i)perylene	30.715	276	866223m	39.634	ng/ul	

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

