

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
 Data File : BG057377.D
 Acq On : 10 May 2023 20:20
 Operator : CG/JU
 Sample : 02591-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

Quant Time: May 11 00:25:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.366	152	16147	20.000	ng/u1	0.00
20) Naphthalene-d8	11.203	136	67040	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.980	164	53324	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.718	188	131994	20.000	ng/u1	0.00
79) Chrysene-d12	22.030	240	121790	20.000	ng/u1	# 0.00
88) Perylene-d12	25.531	264	130509	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	1258	3.428	ng/uL	0.00
4) Pyridine-d5	4.113	84	1260m	1.089	ng/u1	0.02
7) Phenol-d5	7.508	99	28638	18.754	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	17665	19.668	ng/u1	0.00
11) 2-Chlorophenol-d4	7.890	132	22351	22.211	ng/u1	0.00
15) 4-Methylphenol-d8	9.065	113	22347	19.255	ng/u1	0.00
21) Nitrobenzene-d5	9.541	128	11568	21.668	ng/u1	0.00
24) 2-Nitrophenol-d4	10.269	143	13613	21.848	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.821	165	27082	22.529	ng/u1	0.00
31) 4-Chloroaniline-d4	11.333	131	27185	17.063	ng/u1	0.00
46) Dimethylphthalate-d6	14.364	166	93618	22.157	ng/u1	0.00
49) Acenaphthylene-d8	14.675	160	103677	21.832	ng/u1	0.00
54) 4-Nitrophenol-d4	15.168	143	8093	13.159	ng/u1	0.00
60) Fluorene-d10	15.962	176	87022	22.109	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	16443	21.026	ng/u1	0.00
73) Anthracene-d10	17.818	188	135551	22.499	ng/u1	0.00
81) Pyrene-d10	20.085	212	168344	23.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.284	264	155159	23.335	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.684	88	3365	8.647	ng/uL#	86
5) Pyridine	4.125	79	2598m	2.130	ng/u1	
6) Benzaldehyde	7.491	77	20295	43.515	ng/u1	89
8) Phenol	7.532	94	34754	22.581	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.761	93	26448	22.960	ng/u1	95
12) 2-Chlorophenol	7.925	128	25044	23.694	ng/u1	93
13) 2-Methylphenol	8.807	108	26062	21.850	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.883	45	30143	20.296	ng/u1#	94
16) Acetophenone	9.194	105	45974	23.020	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.165	70	23499	20.476	ng/u1	93
18) 4-Methylphenol	9.130	108	29457	22.816	ng/u1	90
19) Hexachloroethane	9.459	117	10522	23.793	ng/u1	90
22) Nitrobenzene	9.588	77	35089	22.072	ng/u1	95
23) Isophorone	10.105	82	65178	21.548	ng/u1	96
25) 2-Nitrophenol	10.304	139	15432	24.453	ng/u1	97
26) 2,4-Dimethylphenol	10.346	107	27526	19.227	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.575	93	35906	22.837	ng/u1	99
29) 2,4-Dichlorophenol	10.845	162	29203	25.595	ng/u1	97
30) Naphthalene	11.256	128	87543	23.783	ng/u1	97
32) 4-Chloroaniline	11.356	127	26911	16.211	ng/u1	96
33) Hexachlorobutadiene	11.526	225	24423	25.237	ng/u1	98
34) Caprolactam	12.102	113	8944	23.285	ng/u1	89
35) 4-Chloro-3-methylphenol	12.455	107	31633	24.096	ng/u1	96
36) 2-Methylnaphthalene	12.830	142	64534	23.907	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
 Data File : BG057377.D
 Acq On : 10 May 2023 20:20
 Operator : CG/JU
 Sample : 02591-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

Quant Time: May 11 00:25:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.048	142	65646	24.186	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.195	216	47635	24.582	ng/ul	97
40) Hexachlorocyclopentadiene	13.165	237	7718	7.981	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.430	196	27055	23.973	ng/ul	94
42) 2,4,5-Trichlorophenol	13.506	196	28100	23.191	ng/ul	93
43) 1,1'-Biphenyl	13.817	154	92268	22.677	ng/ul	99
44) 2-Chloronaphthalene	13.864	162	74611	23.650	ng/ul	99
45) 2-Nitroaniline	14.064	65	21940	23.037	ng/ul	96
47) Dimethylphthalate	14.411	163	98742	23.272	ng/ul	99
48) 2,6-Dinitrotoluene	14.546	165	21014	24.065	ng/ul	95
50) Acenaphthylene	14.704	152	110670	22.933	ng/ul	98
51) 3-Nitroaniline	14.881	138	17772	28.724	ng/ul	93
52) Acenaphthene	15.045	153	78820	22.924	ng/ul	98
53) 2,4-Dinitrophenol	15.098	184	8005	17.215	ng/ul	93
55) 4-Nitrophenol	15.186	109	12724	18.250	ng/ul	92
56) Dibenzofuran	15.374	168	115027	23.167	ng/ul	95
57) 2,4-Dinitrotoluene	15.333	165	31044	24.835	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.597	232	25426	23.093	ng/ul#	97
59) Diethylphthalate	15.756	149	99974	23.192	ng/ul	99
61) Fluorene	16.020	166	96835	23.064	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.997	204	57539	23.480	ng/ul	99
63) 4-Nitroaniline	16.032	138	19315	32.966	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.097	198	18236	22.884	ng/ul#	99
67) N-Nitrosodiphenylamine	16.208	169	81827	23.732	ng/ul	98
68) 4-Bromophenyl-phenylether	16.890	248	38093	24.146	ng/ul	98
69) Hexachlorobenzene	17.025	284	41869	25.203	ng/ul	98
70) Atrazine	17.142	200	29108	18.995	ng/ul	98
71) Pentachlorophenol	17.377	266	12069m	15.717	ng/ul	
72) Phenanthrene	17.759	178	166580	24.235	ng/ul	99
74) Anthracene	17.853	178	165285	23.939	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.788	216	48654	24.507	ng/ul	95
76) Pentachlorobenzene	15.292	250	47430	23.471	ng/ul	97
77) Carbazole	18.117	167	144259	25.001	ng/ul	98
78) Di-n-butylphthalate	18.634	149	170412	25.827	ng/ul	99
80) Fluoranthene	19.751	202	212475	24.743	ng/ul	98
82) Pyrene	20.109	202	215168	24.751	ng/ul	97
83) Butylbenzylphthalate	20.961	149	75106	26.978	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.901	252	61032	22.564	ng/ul	99
85) Benzo(a)anthracene	22.006	228	216392	25.122	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.848	149	111976	27.655	ng/ul	95
87) Chrysene	22.077	228	202178	24.878	ng/ul	98
89) Di-n-octyl phthalate	23.146	149	178281	24.737	ng/ul	100
90) Benzo(b)fluoranthene	24.409	252	223019m	24.677	ng/ul	
91) Benzo(k)fluoranthene	24.479	252	209982	23.882	ng/ul	98
93) Benzo(a)pyrene	25.366	252	186978	23.964	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.584	276	240664	24.675	ng/ul	99
95) Dibenzo(a,h)anthracene	29.637	278	200180	24.752	ng/ul	98
96) Benzo(g,h,i)perylene	30.853	276	179207	22.703	ng/ul	95

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

