

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057212.D
 Acq On : 28 Apr 2023 10:36
 Operator : CG/JU
 Sample : SST00580
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005428

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: Apr 28 23:04:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 14:45:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	14501	20.000	ng/u1	0.00
20) Naphthalene-d8	11.216	136	63287	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.987	164	50322	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.724	188	132347	20.000	ng/u1	0.00
79) Chrysene-d12	22.036	240	122176	20.000	ng/u1	0.00
88) Perylene-d12	25.543	264	126986	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	613	1.860	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.902	132	3802	4.207	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.553	128	2218	4.401	ng/u1	0.00
24) 2-Nitrophenol-d4	10.282	143	2596	4.414	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	4823	4.250	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.376	166	18747	4.702	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	20845	4.651	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.974	176	17168	4.622	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.824	188	27902	4.619	ng/u1	0.00
81) Pyrene-d10	20.092	212	33282	4.589	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.302	264	29123	4.502	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.702	88	620m	1.774	ng/uL	
12) 2-Chlorophenol	7.938	128	4187	4.411	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.171	70	4628	4.490	ng/u1	89
19) Hexachloroethane	9.477	117	1671	4.207	ng/u1	88
22) Nitrobenzene	9.594	77	6649	4.430	ng/u1#	96
23) Isophorone	10.117	82	12389	4.339	ng/u1#	95
25) 2-Nitrophenol	10.317	139	2456	4.123	ng/u1	96
26) 2,4-Dimethylphenol	10.358	107	6055	4.480	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.593	93	6822	4.596	ng/u1	92
29) 2,4-Dichlorophenol	10.857	162	4590	4.261	ng/u1	95
30) Naphthalene	11.269	128	16021	4.611	ng/u1	100
33) Hexachlorobutadiene	11.539	225	4293	4.699	ng/u1	91
35) 4-Chloro-3-methylphenol	12.461	107	5512	4.448	ng/u1	89
36) 2-Methylnaphthalene	12.843	142	11534	4.526	ng/u1	96
37) 1-Methylnaphthalene	13.060	142	11545	4.506	ng/u1#	94
39) 1,2,4,5-Tetrachloroben...	13.201	216	8385	4.585	ng/u1#	96
41) 2,4,6-Trichlorophenol	13.442	196	4406	4.137	ng/u1	92
42) 2,4,5-Trichlorophenol	13.518	196	5143	4.498	ng/u1	86
43) 1,1'-Biphenyl	13.824	154	18119	4.719	ng/u1#	97
44) 2-Chloronaphthalene	13.877	162	13798	4.634	ng/u1	99
45) 2-Nitroaniline	14.076	65	3799	4.227	ng/u1	94
47) Dimethylphthalate	14.417	163	18326	4.577	ng/u1	99
48) 2,6-Dinitrotoluene	14.558	165	3709	4.501	ng/u1#	83
50) Acenaphthylene	14.717	152	21104	4.634	ng/u1	99

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

52) Acenaphthene	15.052	153	15092	4.651	ng/ul	96
56) Dibenzofuran	15.386	168	21892	4.672	ng/ul	100
57) 2,4-Dinitrotoluene	15.339	165	4917	4.168	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.610	232	4090	3.936	ng/ul#	95
59) Diethylphthalate	15.768	149	18929	4.653	ng/ul	96
61) Fluorene	16.027	166	18729	4.727	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.009	204	11199	4.843	ng/ul	98
67) N-Nitrosodiphenylamine	16.221	169	15659	4.529	ng/ul	97
68) 4-Bromophenyl-phenylether	16.902	248	7026	4.442	ng/ul	96
69) Hexachlorobenzene	17.031	284	7710	4.629	ng/ul	99
72) Phenanthrene	17.771	178	32238	4.678	ng/ul	98
74) Anthracene	17.860	178	32503	4.695	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.800	216	8386	4.213	ng/uL	97
76) Pentachlorobenzene	15.304	250	9079	4.481	ng/uL	96
78) Di-n-butylphthalate	18.647	149	30104	4.550	ng/ul	99
80) Fluoranthene	19.757	202	39635	4.601	ng/ul	100
82) Pyrene	20.121	202	41150	4.719	ng/ul	97
83) Butylbenzylphthalate	20.973	149	12095	4.331	ng/ul	96
85) Benzo(a)anthracene	22.013	228	40085	4.639	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.860	149	18038	4.441	ng/ul	95
87) Chrysene	22.083	228	37808	4.638	ng/ul	98
90) Benzo(b)fluoranthene	24.415	252	40234	4.575	ng/ul	99
91) Benzo(k)fluoranthene	24.486	252	38073	4.450	ng/ul	97
93) Benzo(a)pyrene	25.367	252	34054	4.486	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.591	276	43462m	4.579	ng/ul	
95) Dibenzo(a,h)anthracene	29.644	278	35508	4.512	ng/ul	98
96) Benzo(g,h,i)perylene	30.842	276	35046m	4.563	ng/ul	

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

