

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071723\  
 Data File : BG058283.D  
 Acq On : 17 Jul 2023 15:11  
 Operator : CG/JU  
 Sample : SSTD00592  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD005442

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023  
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 01:50:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 18 01:24:07 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	46260	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	200845	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	147075	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.282	188	372644	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	327685	20.000	ng/ul	0.00
88) Perylene-d12	24.668	264	385392	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2221m	1.681	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.429	132	14013	4.301	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.063	128	6705	4.096	ng/ul	0.00
24) 2-Nitrophenol-d4	9.785	143	6939	4.033	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	13901	4.212	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.939	166	58880	5.074	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	57638	4.552	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.532	176	46041	4.672	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.382	188	80469	4.654	ng/ul	0.00
81) Pyrene-d10	19.668	212	95533	4.629	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.450	264	89035	4.535	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.375	88	2564	1.571	ng/uL#	80
12) 2-Chlorophenol	7.465	128	15051	4.439	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.698	70	14542	4.599	ng/ul	98
19) Hexachloroethane	8.980	117	6072	4.671	ng/ul#	80
22) Nitrobenzene	9.104	77	18473	4.347	ng/ul	96
23) Isophorone	9.621	82	44040	4.857	ng/ul	99
25) 2-Nitrophenol	9.815	139	7517	4.072	ng/ul#	91
26) 2,4-Dimethylphenol	9.873	107	18238	4.393	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.108	93	22847	4.471	ng/ul	97
29) 2,4-Dichlorophenol	10.355	162	13389	4.172	ng/ul	94
30) Naphthalene	10.749	128	53764	4.763	ng/ul	98
33) Hexachlorobutadiene	11.031	225	10202	4.491	ng/ul	94
35) 4-Chloro-3-methylphenol	11.983	107	16932m	4.295	ng/ul	
36) 2-Methylnaphthalene	12.365	142	33838	4.447	ng/ul	95
37) 1-Methylnaphthalene	12.582	142	36095	4.731	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.729	216	20788	4.638	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.970	196	12982	4.274	ng/ul	94
42) 2,4,5-Trichlorophenol	13.046	196	14436m	4.394	ng/ul	
43) 1,1'-Biphenyl	13.369	154	49940	4.712	ng/ul	97
44) 2-Chloronaphthalene	13.416	162	38873	4.570	ng/ul	95
45) 2-Nitroaniline	13.622	65	11652	3.940	ng/ul	99
47) Dimethylphthalate	13.986	163	59838	5.133	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	9040	3.778	ng/ul#	93
50) Acenaphthylene	14.257	152	63980	4.679	ng/ul	98

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52) Acenaphthene	14.603	153	44996	4.795	ng/ul	98
56) Dibenzofuran	14.932	168	63880	4.789	ng/ul	99
57) 2,4-Dinitrotoluene	14.897	165	13671	4.032	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.161	232	12894	4.311	ng/ul#	90
59) Diethylphthalate	15.349	149	60760	4.993	ng/ul	98
61) Fluorene	15.584	166	54321	4.963	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.579	204	27810	4.802	ng/ul	94
67) N-Nitrosodiphenylamine	15.790	169	44327	4.470	ng/ul	99
68) 4-Bromophenyl-phenylether	16.472	248	18497	4.522	ng/ul	97
69) Hexachlorobenzene	16.589	284	21557	4.707	ng/ul	96
72) Phenanthrene	17.324	178	89150	4.703	ng/ul	96
74) Anthracene	17.412	178	91460	4.768	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.340	216	21576	4.366	ng/uL	93
76) Pentachlorobenzene	14.856	250	24118	4.569	ng/uL	96
78) Di-n-butylphthalate	18.240	149	95780	4.334	ng/ul	99
80) Fluoranthene	19.333	202	110184	4.608	ng/ul	99
82) Pyrene	19.697	202	115308	4.790	ng/ul	98
83) Butylbenzylphthalate	20.584	149	41234	4.224	ng/ul	96
85) Benzo(a)anthracene	21.513	228	109145	4.639	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.413	149	60591	4.332	ng/ul	99
87) Chrysene	21.577	228	101674	4.610	ng/ul	98
90) Benzo(b)fluoranthene	23.663	252	105685	4.429	ng/ul	98
91) Benzo(k)fluoranthene	23.734	252	111108	4.750	ng/ul	99
93) Benzo(a)pyrene	24.521	252	95881	4.540	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.228	276	123260	4.395	ng/ul	98
95) Dibenzo(a,h)anthracene	28.293	278	97612	4.221	ng/ul	99
96) Benzo(g,h,i)perylene	29.339	276	98182	4.286	ng/ul	97

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

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