

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
 Data File : BG062133.D
 Acq On : 19 Jul 2024 9:16
 Operator : MA/JU
 Sample : SSTD00522
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005404

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 19 12:44:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 12:42:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	27298	20.000	ng/u1	0.00
20) Naphthalene-d8	10.880	136	115137	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.693	164	101638	20.000	ng/u1	# 0.00
64) Phenanthrene-d10	17.436	188	289656	20.000	ng/u1	0.00
79) Chrysene-d12	21.701	240	320756	20.000	ng/u1	0.00
88) Perylene-d12	24.926	264	333883	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	990	1.440	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	7.602	132	8260	4.506	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.235	128	5099	5.832	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	5362	5.037	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	11060	4.634	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.093	166	44079	5.250	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	42554	4.841	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.679	176	36193	4.861	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.536	188	69400	5.248	ng/u1	0.00
81) Pyrene-d10	19.815	212	87878	4.814	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.697	264	80824	4.826	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.496	88	1902m	2.109	ng/uL	
12) 2-Chlorophenol	7.632	128	8883	4.907	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.859	70	10601	5.134	ng/u1#	96
19) Hexachloroethane	9.141	117	3976	5.092	ng/u1#	75
22) Nitrobenzene	9.276	77	14498	4.910	ng/u1#	88
23) Isophorone	9.793	82	31287	5.320	ng/u1#	95
25) 2-Nitrophenol	9.981	139	6658	5.833	ng/u1#	89
26) 2,4-Dimethylphenol	10.052	107	13981	4.947	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.275	93	14317	5.220	ng/u1#	88
29) 2,4-Dichlorophenol	10.528	162	10804	4.804	ng/u1#	93
30) Naphthalene	10.933	128	32288	5.101	ng/u1#	95
33) Hexachlorobutadiene	11.197	225	10854	5.179	ng/u1#	86
35) 4-Chloro-3-methylphenol	12.167	107	12615	4.452	ng/u1	94
36) 2-Methylnaphthalene	12.531	142	25198	5.310	ng/u1	83
37) 1-Methylnaphthalene	12.748	142	24760	4.989	ng/u1	86
39) 1,2,4,5-Tetrachloroben...	12.889	216	20579	4.985	ng/u1#	96
41) 2,4,6-Trichlorophenol	13.136	196	10457	4.310	ng/u1#	80
42) 2,4,5-Trichlorophenol	13.218	196	12501	4.876	ng/u1	88
43) 1,1'-Biphenyl	13.529	154	36805	5.172	ng/u1	93
44) 2-Chloronaphthalene	13.571	162	30052	5.091	ng/u1	95
45) 2-Nitroaniline	13.782	65	9857	4.523	ng/u1#	91
47) Dimethylphthalate	14.140	163	43900	5.402	ng/u1	96
48) 2,6-Dinitrotoluene	14.270	165	8250	4.976	ng/u1	95
50) Acenaphthylene	14.416	152	48359	5.058	ng/u1#	96

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52) Acenaphthene	14.757	153	32178	5.056	ng/ul	88
56) Dibenzofuran	15.092	168	47667	5.010	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	12805	5.139	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.321	232	10137	4.554	ng/ul#	88
59) Diethylphthalate	15.491	149	41215	5.201	ng/ul#	94
61) Fluorene	15.738	166	41810	5.051	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.726	204	26115	5.160	ng/ul	97
67) N-Nitrosodiphenylamine	15.944	169	36554	5.200	ng/ul	96
68) 4-Bromophenyl-phenylether	16.619	248	17062	5.061	ng/ul	92
69) Hexachlorobenzene	16.737	284	17845	4.992	ng/ul	93
72) Phenanthrene	17.477	178	69498	5.047	ng/ul	98
74) Anthracene	17.571	178	74314	5.248	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.500	216	19278	4.696	ng/ul#	84
76) Pentachlorobenzene	15.004	250	19487	4.652	ng/ul	98
78) Di-n-butylphthalate	18.382	149	72232	5.472	ng/ul	99
80) Fluoranthene	19.486	202	102438	4.819	ng/ul#	98
82) Pyrene	19.844	202	112297	5.149	ng/ul	98
83) Butylbenzylphthalate	20.720	149	32136	4.891	ng/ul	99
85) Benzo(a)anthracene	21.677	228	114788	5.126	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.566	149	47411	5.134	ng/ul#	95
87) Chrysene	21.742	228	106166	5.101	ng/ul	98
90) Benzo(b)fluoranthene	23.898	252	101900	4.975	ng/ul#	98
91) Benzo(k)fluoranthene	23.962	252	108844	5.360	ng/ul#	85
93) Benzo(a)pyrene	24.773	252	97060	5.113	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.615	276	112071	4.975	ng/ul#	91
95) Dibenzo(a,h)anthracene	28.674	278	91919	4.947	ng/ul#	92
96) Benzo(g,h,i)perylene	29.772	276	92890m	5.273	ng/ul	

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

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