

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073124\
 Data File : BG062214.D
 Acq On : 31 Jul 2024 9:48
 Operator : MA/JU
 Sample : SSTD00534
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005418

Quant Time: Aug 01 02:05:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG073124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 31 16:23:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	28978	20.000	ng/u1	0.00
20) Naphthalene-d8	10.777	136	142164	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.601	164	111358	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	276186	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	296057	20.000	ng/u1	0.00
88) Perylene-d12	24.705	264	319119	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	1507	2.213	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	7.511	132	7784	4.173	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.138	128	1878	3.185	ng/u1	0.00
24) 2-Nitrophenol-d4	9.855	143	1555	2.815	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.389	165	8078	3.905	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.008	166	42145	5.022	ng/u1	0.00
49) Acenaphthylene-d8	14.290	160	46797	5.051	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.594	176	37882	5.080	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.439	188	66234	5.204	ng/u1	0.00
81) Pyrene-d10	19.718	212	82203	4.961	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.488	264	76615	4.911	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.481	88	2136	2.543	ng/uL#	81
12) 2-Chlorophenol	7.546	128	8335	4.302	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.780	70	10626	5.146	ng/u1#	90
19) Hexachloroethane	9.068	117	3802	4.929	ng/u1	93
22) Nitrobenzene	9.179	77	4998	2.830	ng/u1	98
23) Isophorone	9.702	82	33268	5.300	ng/u1#	97
25) 2-Nitrophenol	9.884	139	1672	2.613	ng/u1	95
26) 2,4-Dimethylphenol	9.943	107	14237	5.105	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.190	93	17922	5.276	ng/u1	98
29) 2,4-Dichlorophenol	10.419	162	8179	3.962	ng/u1	97
30) Naphthalene	10.830	128	41348	5.234	ng/u1	98
33) Hexachlorobutadiene	11.124	225	8370	5.122	ng/u1	97
35) 4-Chloro-3-methylphenol	12.040	107	13505	5.032	ng/u1	96
36) 2-Methylnaphthalene	12.434	142	29648	5.309	ng/u1	93
37) 1-Methylnaphthalene	12.651	142	29626	5.148	ng/u1#	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	16589	5.034	ng/u1	95
41) 2,4,6-Trichlorophenol	13.027	196	5341	3.280	ng/u1	88
42) 2,4,5-Trichlorophenol	13.091	196	6252	3.395	ng/u1	91
43) 1,1'-Biphenyl	13.438	154	41469	5.162	ng/u1	97
44) 2-Chloronaphthalene	13.479	162	32477	5.155	ng/u1	97
45) 2-Nitroaniline	13.667	65	2977	2.673	ng/u1#	83
47) Dimethylphthalate	14.061	163	45356	5.208	ng/u1#	99
48) 2,6-Dinitrotoluene	14.161	165	2391	2.915	ng/u1#	86
50) Acenaphthylene	14.319	152	54549	5.219	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.666	153	39121	5.296	ng/ul	99
56) Dibenzofuran	15.001	168	53703	5.247	ng/ul	97
57) 2,4-Dinitrotoluene	14.948	165	2967	2.647	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.218	232	5844	3.334	ng/ul#	89
59) Diethylphthalate	15.424	149	46232	5.178	ng/ul	98
61) Fluorene	15.647	166	43841	5.320	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.647	204	21893	5.248	ng/ul	99
67) N-Nitrosodiphenylamine	15.852	169	39426	5.130	ng/ul	98
68) 4-Bromophenyl-phenylether	16.540	248	15256	5.157	ng/ul	96
69) Hexachlorobenzene	16.645	284	16304	5.099	ng/ul	99
72) Phenanthrene	17.386	178	78587	5.274	ng/ul	98
74) Anthracene	17.474	178	81113	5.259	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.403	216	16158	4.743	ng/ul	94
76) Pentachlorobenzene	14.918	250	17558	4.874	ng/ul	97
78) Di-n-butylphthalate	18.326	149	78377	4.993	ng/ul	99
80) Fluoranthene	19.389	202	99711	5.138	ng/ul	99
82) Pyrene	19.753	202	105472	5.214	ng/ul	100
83) Butylbenzylphthalate	20.658	149	28023	4.128	ng/ul	97
85) Benzo(a)anthracene	21.574	228	110232	5.240	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	45740	4.311	ng/ul	97
87) Chrysene	21.633	228	102231	5.200	ng/ul	99
90) Benzo(b)fluoranthene	23.718	252	100236m	5.049	ng/ul	
91) Benzo(k)fluoranthene	23.789	252	100753	5.105	ng/ul	98
93) Benzo(a)pyrene	24.552	252	94845	5.051	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.212	276	111689m	5.059	ng/ul	
95) Dibenzo(a,h)anthracene	28.294	278	93897m	5.073	ng/ul	
96) Benzo(g,h,i)perylene	29.311	276	89858	5.072	ng/ul	97

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

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