

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062024\
 Data File : BG061604.D
 Acq On : 20 Jun 2024 13:45
 Operator : MA/JU
 Sample : SSTD00510
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005439

Quant Time: Jun 20 16:39:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 16:29:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	37857	20.000	ng/u1	0.00
20) Naphthalene-d8	10.886	136	187029	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.699	164	145016	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.443	188	377190	20.000	ng/u1	0.00
79) Chrysene-d12	21.709	240	382944	20.000	ng/u1	0.00
88) Perylene-d12	24.934	264	438070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.471	96	1911	1.696	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	7.596	132	13387	6.838	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.229	128	5825	6.428	ng/u1	0.00
24) 2-Nitrophenol-d4	9.958	143	5382	6.498	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	14459	5.857	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.106	166	54923	5.987	ng/u1	0.00
49) Acenaphthylene-d8	14.394	160	58477	4.996	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.686	176	48497	5.130	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.543	188	87597	5.266	ng/u1	0.00
81) Pyrene-d10	19.822	212	107589	5.141	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.711	264	102150	4.926	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.506	88	2842	2.095	ng/uL#	68
12) 2-Chlorophenol	7.631	128	12277	5.754	ng/u1	87
17) N-Nitroso-di-n-propyla...	8.876	70	13165	4.038	ng/u1#	95
19) Hexachloroethane	9.159	117	6167	6.493	ng/u1#	89
22) Nitrobenzene	9.282	77	17110	4.674	ng/u1#	90
23) Isophorone	9.799	82	42532	4.265	ng/u1	96
25) 2-Nitrophenol	9.987	139	5082	5.453	ng/u1	96
26) 2,4-Dimethylphenol	10.040	107	17822	4.933	ng/u1	89
27) Bis(2-Chloroethoxy)met...	10.287	93	24930	4.899	ng/u1#	84
29) 2,4-Dichlorophenol	10.516	162	13211	5.670	ng/u1	93
30) Naphthalene	10.939	128	54962	5.495	ng/u1#	96
33) Hexachlorobutadiene	11.221	225	9739	4.160	ng/u1	93
35) 4-Chloro-3-methylphenol	12.143	107	18479	5.172	ng/u1	98
36) 2-Methylnaphthalene	12.537	142	36202	5.262	ng/u1	96
37) 1-Methylnaphthalene	12.754	142	40190	5.654	ng/u1	92
39) 1,2,4,5-Tetrachloroben...	12.895	216	21783	5.113	ng/u1#	89
41) 2,4,6-Trichlorophenol	13.124	196	12748	5.939	ng/u1	97
42) 2,4,5-Trichlorophenol	13.195	196	13403	5.656	ng/u1	92
43) 1,1'-Biphenyl	13.536	154	53800	5.465	ng/u1	99
44) 2-Chloronaphthalene	13.583	162	40475	5.299	ng/u1	96
45) 2-Nitroaniline	13.777	65	11131	4.978	ng/u1	91
47) Dimethylphthalate	14.153	163	57362	5.945	ng/u1#	97
48) 2,6-Dinitrotoluene	14.258	165	7638	6.161	ng/u1#	82
50) Acenaphthylene	14.423	152	69212	5.266	ng/u1	94

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52) Acenaphthene	14.764	153	48817	5.561	ng/ul	94
56) Dibenzofuran	15.099	168	68019	5.648	ng/ul	95
57) 2,4-Dinitrotoluene	15.052	165	11493	6.223	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.316	232	14252	6.819	ng/ul#	90
59) Diethylphthalate	15.516	149	57501	6.219	ng/ul	98
61) Fluorene	15.745	166	58259	5.708	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.745	204	28757	5.258	ng/ul#	85
67) N-Nitrosodiphenylamine	15.951	169	46718	4.840	ng/ul	97
68) 4-Bromophenyl-phenylether	16.632	248	19977	5.438	ng/ul#	85
69) Hexachlorobenzene	16.738	284	24624	5.841	ng/ul#	87
72) Phenanthrene	17.484	178	104612	5.547	ng/ul	98
74) Anthracene	17.578	178	106474	5.498	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.506	216	19173	4.150	ng/uL	90
76) Pentachlorobenzene	15.005	250	24771	5.390	ng/uL	93
78) Di-n-butylphthalate	18.412	149	106144	6.699	ng/ul	99
80) Fluoranthene	19.488	202	127537	5.049	ng/ul	97
82) Pyrene	19.852	202	133929	5.028	ng/ul#	94
83) Butylbenzylphthalate	20.745	149	45713	6.895	ng/ul	96
85) Benzo(a)anthracene	21.691	228	138756	5.270	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.620	149	67816	6.501	ng/ul	95
87) Chrysene	21.756	228	132605	5.317	ng/ul	99
90) Benzo(b)fluoranthene	23.912	252	130249	4.996	ng/ul	98
91) Benzo(k)fluoranthene	23.976	252	141796	5.275	ng/ul	98
93) Benzo(a)pyrene	24.776	252	128528	5.101	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.600	276	155930m	5.151	ng/ul	
95) Dibenzo(a,h)anthracene	28.689	278	129957m	5.234	ng/ul	
96) Benzo(g,h,i)perylene	29.734	276	125802m	5.117	ng/ul	

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

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