

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063025.D
 Acq On : 25 Sep 2024 9:20
 Operator : RC/JU
 Sample : SSTD00564
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005403

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 25 12:51:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 12:42:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	54548	20.000	ng/u1	0.00
20) Naphthalene-d8	10.637	136	237269	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.480	164	225984	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	686596	20.000	ng/u1	0.00
79) Chrysene-d12	21.484	240	811671	20.000	ng/u1	# 0.00
88) Perylene-d12	24.521	264	889357	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	2270m	1.959	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	7.382	132	15495	4.486	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.998	128	8601	5.108	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	8646m	4.507	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.261	165	20858	5.064	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.887	166	90932	5.217	ng/u1	0.00
49) Acenaphthylene-d8	14.174	160	91216	4.780	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.479	176	82230	5.223	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.330	188	156809	4.867	ng/u1	0.00
81) Pyrene-d10	19.627	212	218528	4.840	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.316	264	224766	4.797	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	3095m	2.329	ng/uL	
12) 2-Chlorophenol	7.412	128	15220	4.376	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.652	70	10495	3.406	ng/u1#	79
19) Hexachloroethane	8.928	117	6598	4.710	ng/u1#	68
22) Nitrobenzene	9.045	77	14531m	3.389	ng/u1	
23) Isophorone	9.568	82	29547	3.393	ng/u1#	90
25) 2-Nitrophenol	9.750	139	10678	5.183	ng/u1#	88
26) 2,4-Dimethylphenol	9.821	107	18313	4.260	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.044	93	16748	3.480	ng/u1#	83
29) 2,4-Dichlorophenol	10.291	162	20195	4.999	ng/u1	99
30) Naphthalene	10.684	128	57832	4.642	ng/u1#	95
33) Hexachlorobutadiene	10.978	225	19706	5.682	ng/u1	94
35) 4-Chloro-3-methylphenol	11.936	107	17808	4.168	ng/u1	88
36) 2-Methylnaphthalene	12.300	142	45801	4.873	ng/u1	91
37) 1-Methylnaphthalene	12.523	142	48616	5.076	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.670	216	39726	5.038	ng/u1	93
41) 2,4,6-Trichlorophenol	12.917	196	21486	4.537	ng/u1#	91
42) 2,4,5-Trichlorophenol	12.988	196	24968m	4.891	ng/u1	
43) 1,1'-Biphenyl	13.311	154	70052	4.499	ng/u1#	92
44) 2-Chloronaphthalene	13.358	162	54663	4.315	ng/u1	98
45) 2-Nitroaniline	13.558	65	9662	2.955	ng/u1	94
47) Dimethylphthalate	13.934	163	83510	4.707	ng/u1	96
48) 2,6-Dinitrotoluene	14.057	165	16091	5.045	ng/u1	92
50) Acenaphthylene	14.204	152	92233	4.615	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.545	153	62808	4.432	ng/ul	94
56) Dibenzofuran	14.885	168	101024	4.756	ng/ul	93
57) 2,4-Dinitrotoluene	14.844	165	27915	5.547	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.115	232	27904	5.313	ng/ul#	90
59) Diethylphthalate	15.308	149	85041	4.852	ng/ul#	91
61) Fluorene	15.538	166	87820	5.208	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.526	204	54108	5.406	ng/ul	98
67) N-Nitrosodiphenylamine	15.743	169	82402	4.780	ng/ul	93
68) 4-Bromophenyl-phenylether	16.425	248	37948	4.770	ng/ul	93
69) Hexachlorobenzene	16.542	284	42847	4.760	ng/ul#	94
72) Phenanthrene	17.277	178	173944	4.922	ng/ul	99
74) Anthracene	17.365	178	181861	5.042	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216	43723	4.701	ng/ul	95
76) Pentachlorobenzene	14.803	250	48956	4.765	ng/ul	95
78) Di-n-butylphthalate	18.199	149	152371	4.382	ng/ul	97
80) Fluoranthene	19.292	202	237923	4.749	ng/ul#	99
82) Pyrene	19.656	202	260915	4.865	ng/ul	98
83) Butylbenzylphthalate	20.555	149	68043	4.319	ng/ul	98
85) Benzo(a)anthracene	21.466	228	276092	4.934	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.384	149	95406	4.144	ng/ul	99
87) Chrysene	21.525	228	249091	4.705	ng/ul	96
90) Benzo(b)fluoranthene	23.558	252	262277	4.806	ng/ul	95
91) Benzo(k)fluoranthene	23.622	252	261894	4.691	ng/ul	99
93) Benzo(a)pyrene	24.374	252	238712	4.638	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	27.935	276	285159	4.506	ng/ul	97
95) Dibenzo(a,h)anthracene	27.999	278	243203m	4.789	ng/ul	
96) Benzo(g,h,i)perylene	28.998	276	221586	4.550	ng/ul	96

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

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