

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063165.D
 Acq On : 6 Nov 2024 11:37
 Operator : RC/JU
 Sample : SST00570
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005410

Quant Time: Nov 06 15:19:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 14:59:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	55049	20.000	ng/u1	0.00
20) Naphthalene-d8	10.626	136	243614	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.474	164	229070	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	661172	20.000	ng/u1	0.00
79) Chrysene-d12	21.478	240	810322	20.000	ng/u1	# 0.00
88) Perylene-d12	24.509	264	843988	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	2047	1.605	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	7.377	132	13643	4.206	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.992	128	7644	4.452	ng/u1	0.00
24) 2-Nitrophenol-d4	9.715	143	9997	4.683	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.256	165	18654m	4.351	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.881	166	89805	5.626	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	83465	4.744	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.473	176	72313	4.930	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.324	188	141043m	4.940	ng/u1	0.00
81) Pyrene-d10	19.621	212	195113	4.941	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.304	264	197302	4.892	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	2917	1.905	ng/uL#	75
12) 2-Chlorophenol	7.406	128	15667	4.724	ng/u1#	83
17) N-Nitroso-di-n-propyla...	8.640	70	17170	5.254	ng/u1#	96
19) Hexachloroethane	8.916	117	6641	4.636	ng/u1#	79
22) Nitrobenzene	9.034	77	23773	4.420	ng/u1#	90
23) Isophorone	9.551	82	54373	5.603	ng/u1#	93
25) 2-Nitrophenol	9.750	139	9985	4.578	ng/u1#	83
26) 2,4-Dimethylphenol	9.809	107	20657	4.302	ng/u1#	84
27) Bis(2-Chloroethoxy)met...	10.038	93	24566	4.904	ng/u1	97
29) 2,4-Dichlorophenol	10.279	162	18066m	4.403	ng/u1	
30) Naphthalene	10.679	128	59850	4.819	ng/u1	99
33) Hexachlorobutadiene	10.972	225	18525	4.492	ng/u1#	81
35) 4-Chloro-3-methylphenol	11.924	107	22732	5.096	ng/u1#	88
36) 2-Methylnaphthalene	12.294	142	46078	4.841	ng/u1	97
37) 1-Methylnaphthalene	12.512	142	49411	5.121	ng/u1#	97
39) 1,2,4,5-Tetrachloroben...	12.665	216	37651	4.404	ng/u1	98
41) 2,4,6-Trichlorophenol	12.911	196	19051	4.457	ng/u1	96
42) 2,4,5-Trichlorophenol	12.982	196	21316	4.627	ng/u1	96
43) 1,1'-Biphenyl	13.305	154	69974	4.697	ng/u1	95
44) 2-Chloronaphthalene	13.346	162	54999	4.826	ng/u1#	93
45) 2-Nitroaniline	13.552	65	17576	4.848	ng/u1#	84
47) Dimethylphthalate	13.928	163	89730	5.858	ng/u1	98
48) 2,6-Dinitrotoluene	14.045	165	15063	4.868	ng/u1#	87
50) Acenaphthylene	14.198	152	84054	4.885	ng/u1	97

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52) Acenaphthene	14.539	153	58115	4.609	ng/ul	90
56) Dibenzofuran	14.874	168	94170	5.008	ng/ul	97
57) 2,4-Dinitrotoluene	14.844	165	24427	5.146	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.109	232	19414	4.320	ng/ul#	88
59) Diethylphthalate	15.297	149	90695	5.849	ng/ul	97
61) Fluorene	15.526	166	79135	4.999	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.520	204	48649	4.786	ng/ul	97
67) N-Nitrosodiphenylamine	15.737	169	68384	4.639	ng/ul	96
68) 4-Bromophenyl-phenylether	16.419	248	35210	4.556	ng/ul	96
69) Hexachlorobenzene	16.536	284	40272	4.962	ng/ul#	86
72) Phenanthrene	17.271	178	146782	4.807	ng/ul	97
74) Anthracene	17.359	178	152424	4.945	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.276	216	38954	4.187	ng/ul	93
76) Pentachlorobenzene	14.803	250	41738	4.237	ng/ul	94
78) Di-n-butylphthalate	18.193	149	146002	5.086	ng/ul	99
80) Fluoranthene	19.286	202	210382	4.921	ng/ul#	95
82) Pyrene	19.650	202	232974	5.073	ng/ul	98
83) Butylbenzylphthalate	20.549	149	62160	4.640	ng/ul	93
85) Benzo(a)anthracene	21.460	228	248053	4.801	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	91410	4.777	ng/ul	96
87) Chrysene	21.519	228	232648	4.824	ng/ul	94
90) Benzo(b)fluoranthene	23.552	252	235324	4.705	ng/ul	94
91) Benzo(k)fluoranthene	23.611	252	250700m	4.950	ng/ul	
93) Benzo(a)pyrene	24.363	252	225006	4.833	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	27.923	276	273989m	4.795	ng/ul	
95) Dibenzo(a,h)anthracene	27.976	278	221511	4.784	ng/ul	100
96) Benzo(g,h,i)perylene	28.987	276	206168	4.762	ng/ul	95

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

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