

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062420.D
 Acq On : 15 Aug 2024 18:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020457

Quant Time: Aug 15 18:41:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 15:31:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	59220	20.000	ng/u1	0.00
20) Naphthalene-d8	10.750	136	280667	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.574	164	217413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.318	188	473925	20.000	ng/u1	0.00
79) Chrysene-d12	21.559	240	469265	20.000	ng/u1	0.00
88) Perylene-d12	24.649	264	549373	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	10907	6.993	ng/uL	0.00
4) Pyridine-d5	3.824	84	85420	17.972	ng/u1	0.00
7) Phenol-d5	7.114	99	117695	19.978	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.284	67	69143	18.632	ng/u1	0.00
11) 2-Chlorophenol-d4	7.490	132	85099	21.146	ng/u1	0.00
15) 4-Methylphenol-d8	8.659	113	91980	18.626	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	42835	23.798	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	47857	26.728	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	98468	21.592	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	134149	18.549	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	307044	18.156	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	359916	19.221	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	53019	19.652	ng/u1	0.00
60) Fluorene-d10	15.567	176	288176	18.893	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	47073	21.861	ng/u1	0.00
73) Anthracene-d10	17.412	188	441764	19.404	ng/u1	0.00
81) Pyrene-d10	19.697	212	541422	19.701	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.438	264	566443	19.429	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.454	88	12073	7.251	ng/uL	90
5) Pyridine	3.842	79	90322	18.061	ng/u1	92
6) Benzaldehyde	7.096	77	71824	23.518	ng/u1	99
8) Phenol	7.143	94	122459	19.810	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.378	93	87696	19.172	ng/u1	98
12) 2-Chlorophenol	7.519	128	87683	21.064	ng/u1	97
13) 2-Methylphenol	8.389	108	90412	19.436	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.477	45	174345	18.466	ng/u1	97
16) Acetophenone	8.771	105	144563	17.871	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.759	70	75909	17.782	ng/u1	98
18) 4-Methylphenol	8.718	108	100017	18.771	ng/u1	100
19) Hexachloroethane	9.041	117	34953	21.103	ng/u1	97
22) Nitrobenzene	9.146	77	113978	22.418	ng/u1	99
23) Isophorone	9.675	82	214043	17.827	ng/u1	98
25) 2-Nitrophenol	9.863	139	52039	26.015	ng/u1	96
26) 2,4-Dimethylphenol	9.922	107	110763	20.305	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.157	93	127311	19.062	ng/u1	98
29) 2,4-Dichlorophenol	10.398	162	100034	21.360	ng/u1	97
30) Naphthalene	10.803	128	312061	19.171	ng/u1	99
32) 4-Chloroaniline	10.903	127	130183	18.515	ng/u1	100
33) Hexachlorobutadiene	11.091	225	69013	19.386	ng/u1	97
34) Caprolactam	11.655	113	33954m	17.976	ng/u1	
35) 4-Chloro-3-methylphenol	12.025	107	113588	20.728	ng/u1	99
36) 2-Methylnaphthalene	12.407	142	225101	19.582	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.624	142	225895	19.260	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.771	216	143057	19.704	ng/ul	99
40) Hexachlorocyclopentadiene	12.759	237	64140	17.235	ng/ul	97
41) 2,4,6-Trichlorophenol	13.006	196	90657	21.707	ng/ul	98
42) 2,4,5-Trichlorophenol	13.076	196	97194	22.166	ng/ul	97
43) 1,1'-Biphenyl	13.411	154	320713	19.471	ng/ul	97
44) 2-Chloronaphthalene	13.452	162	252737	19.829	ng/ul	98
45) 2-Nitroaniline	13.646	65	79661	24.131	ng/ul	96
47) Dimethylphthalate	14.028	163	306164	17.857	ng/ul	98
48) 2,6-Dinitrotoluene	14.146	165	59943	24.479	ng/ul	86
50) Acenaphthylene	14.298	152	384855	19.197	ng/ul	98
51) 3-Nitroaniline	14.469	138	60944	21.843	ng/ul	98
52) Acenaphthene	14.639	153	286265	19.079	ng/ul	97
53) 2,4-Dinitrophenol	14.674	184	31396	20.326	ng/ul	88
55) 4-Nitrophenol	14.774	109	46235	19.966	ng/ul	98
56) Dibenzofuran	14.974	168	399583	18.932	ng/ul	98
57) 2,4-Dinitrotoluene	14.927	165	87418	23.452	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.197	232	89156	21.148	ng/ul	97
59) Diethylphthalate	15.397	149	308878	18.052	ng/ul	99
61) Fluorene	15.626	166	309660	18.614	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.620	204	160939	18.826	ng/ul	97
63) 4-Nitroaniline	15.632	138	58996	20.230	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.691	198	54624	22.514	ng/ul#	97
67) N-Nitrosodiphenylamine	15.826	169	275557	20.057	ng/ul	98
68) 4-Bromophenyl-phenylether	16.513	248	108473	20.395	ng/ul	93
69) Hexachlorobenzene	16.625	284	123182	19.879	ng/ul	97
70) Atrazine	16.777	200	109231	19.068	ng/ul	98
71) Pentachlorophenol	16.965	266	77018	21.299	ng/ul	98
72) Phenanthrene	17.359	178	506706	19.027	ng/ul	98
74) Anthracene	17.447	178	522017	19.136	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.376	216	146119	21.568	ng/ul	100
76) Pentachlorobenzene	14.898	250	144925	20.393	ng/ul	98
77) Carbazole	17.711	167	438206	19.123	ng/ul	99
78) Di-n-butylphthalate	18.281	149	531806	19.400	ng/ul	99
80) Fluoranthene	19.362	202	615935	20.062	ng/ul	99
82) Pyrene	19.726	202	646095	19.524	ng/ul	99
83) Butylbenzylphthalate	20.619	149	237510	21.308	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.459	252	225957	22.062	ng/ul	95
85) Benzo(a)anthracene	21.541	228	660003	19.377	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.465	149	353022	21.677	ng/ul	99
87) Chrysene	21.606	228	628673	19.469	ng/ul	99
89) Di-n-octyl phthalate	22.640	149	618156	21.098	ng/ul	100
90) Benzo(b)fluoranthene	23.668	252	639615	19.273	ng/ul	99
91) Benzo(k)fluoranthene	23.738	252	634852	18.952	ng/ul	100
93) Benzo(a)pyrene	24.502	252	596466	19.064	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.138	276	778585	19.579	ng/ul	100
95) Dibenzo(a,h)anthracene	28.197	278	642480	19.933	ng/ul	98
96) Benzo(g,h,i)perylene	29.225	276	601765	19.677	ng/ul	97

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

