

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062436.D
 Acq On : 16 Aug 2024 5:38
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020458

Quant Time: Aug 16 09:25:32 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	7.956	152	72148	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	347954	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.576	164	258585	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.314	188	549404	20.000	ng/u1	0.00
79) Chrysene-d12	21.555	240	531669	20.000	ng/u1	0.00
88) Perylene-d12	24.645	264	617741	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.415	96	12205	6.423	ng/uL	0.00
4) Pyridine-d5	3.820	84	99510	17.185	ng/u1	0.00
7) Phenol-d5	7.116	99	141288	19.685	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.286	67	81105	17.939	ng/u1	0.00
11) 2-Chlorophenol-d4	7.492	132	101307	20.663	ng/u1	0.00
15) 4-Methylphenol-d8	8.655	113	117143	19.471	ng/u1	0.00
21) Nitrobenzene-d5	9.107	128	53908	24.159	ng/u1	0.00
24) 2-Nitrophenol-d4	9.830	143	59496	26.803	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.370	165	121006	21.403	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	166737	18.596	ng/u1	0.00
46) Dimethylphthalate-d6	13.983	166	367743	18.283	ng/u1	0.00
49) Acenaphthylene-d8	14.271	160	425578	19.109	ng/u1	0.00
54) 4-Nitrophenol-d4	14.758	143	61271	19.095	ng/u1	0.00
60) Fluorene-d10	15.563	176	338304	18.648	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	59255	23.737	ng/u1	0.00
73) Anthracene-d10	17.413	188	511156	19.367	ng/u1	0.00
81) Pyrene-d10	19.693	212	614154	19.724	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.433	264	634294	19.348	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.456	88	13795	6.801	ng/uL	92
5) Pyridine	3.844	79	104525	17.156	ng/u1	93
6) Benzaldehyde	7.092	77	85254	22.913	ng/u1	98
8) Phenol	7.145	94	146174	19.409	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.380	93	101617	18.235	ng/u1	99
12) 2-Chlorophenol	7.521	128	104949	20.694	ng/u1	99
13) 2-Methylphenol	8.390	108	112538	19.857	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.473	45	215004	18.692	ng/u1	98
16) Acetophenone	8.772	105	179690	18.233	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.760	70	93865	18.049	ng/u1	98
18) 4-Methylphenol	8.719	108	126823	19.537	ng/u1	98
19) Hexachloroethane	9.042	117	40853	20.246	ng/u1	94
22) Nitrobenzene	9.148	77	139346	22.108	ng/u1	95
23) Isophorone	9.677	82	261483	17.566	ng/u1	99
25) 2-Nitrophenol	9.859	139	66247	26.714	ng/u1	96
26) 2,4-Dimethylphenol	9.918	107	133206	19.697	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.158	93	152962	18.474	ng/u1	99
29) 2,4-Dichlorophenol	10.393	162	121017	20.844	ng/u1	98
30) Naphthalene	10.799	128	389812	19.316	ng/u1	99
32) 4-Chloroaniline	10.905	127	160888	18.457	ng/u1	98
33) Hexachlorobutadiene	11.092	225	85782	19.437	ng/u1	98
34) Caprolactam	11.656	113	38967m	16.640	ng/u1	
35) 4-Chloro-3-methylphenol	12.021	107	136869	20.147	ng/u1	100
36) 2-Methylnaphthalene	12.403	142	272405	19.114	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.620	142	277247	19.067	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.773	216	175269	20.297	ng/ul	100
40) Hexachlorocyclopentadiene	12.755	237	69356	15.670	ng/ul	99
41) 2,4,6-Trichlorophenol	13.008	196	110328	22.211	ng/ul	96
42) 2,4,5-Trichlorophenol	13.078	196	115285	22.106	ng/ul	97
43) 1,1'-Biphenyl	13.413	154	385183	19.662	ng/ul	99
44) 2-Chloronaphthalene	13.454	162	300816	19.844	ng/ul	98
45) 2-Nitroaniline	13.648	65	95416	24.301	ng/ul	96
47) Dimethylphthalate	14.030	163	371940	18.239	ng/ul	99
48) 2,6-Dinitrotoluene	14.147	165	72599	24.927	ng/ul	86
50) Acenaphthylene	14.300	152	454949	19.080	ng/ul	98
51) 3-Nitroaniline	14.470	138	71642	21.589	ng/ul	97
52) Acenaphthene	14.641	153	338638	18.976	ng/ul	97
53) 2,4-Dinitrophenol	14.676	184	39499	21.501	ng/ul	93
55) 4-Nitrophenol	14.776	109	53059	19.264	ng/ul	98
56) Dibenzofuran	14.975	168	472869	18.837	ng/ul	99
57) 2,4-Dinitrotoluene	14.929	165	102923	23.215	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.193	232	103182	20.578	ng/ul#	97
59) Diethylphthalate	15.398	149	363443	17.859	ng/ul	98
61) Fluorene	15.622	166	361530	18.272	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	188984	18.587	ng/ul	97
63) 4-Nitroaniline	15.628	138	68573	19.770	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.692	198	65389	23.248	ng/ul#	98
67) N-Nitrosodiphenylamine	15.827	169	318015	19.967	ng/ul	99
68) 4-Bromophenyl-phenylether	16.509	248	125855	20.412	ng/ul	99
69) Hexachlorobenzene	16.626	284	142794	19.878	ng/ul	96
70) Atrazine	16.773	200	125770	18.939	ng/ul	99
71) Pentachlorophenol	16.967	266	86519	20.639	ng/ul	97
72) Phenanthrene	17.355	178	587257	19.023	ng/ul	100
74) Anthracene	17.449	178	605302	19.140	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.378	216	177366	22.583	ng/ul	99
76) Pentachlorobenzene	14.893	250	176211	21.389	ng/ul	97
77) Carbazole	17.713	167	502196	18.905	ng/ul	98
78) Di-n-butylphthalate	18.283	149	603926	19.004	ng/ul	99
80) Fluoranthene	19.364	202	698463	20.079	ng/ul	100
82) Pyrene	19.722	202	738879	19.708	ng/ul	99
83) Butylbenzylphthalate	20.621	149	269814	21.365	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.455	252	263414	22.700	ng/ul	99
85) Benzo(a)anthracene	21.537	228	754833	19.560	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.461	149	396188	21.472	ng/ul	98
87) Chrysene	21.602	228	700224	19.140	ng/ul	99
89) Di-n-octyl phthalate	22.636	149	675302	20.498	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	714734	19.153	ng/ul	99
91) Benzo(k)fluoranthene	23.734	252	721306	19.149	ng/ul	99
93) Benzo(a)pyrene	24.498	252	678428	19.284	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.134	276	866541	19.379	ng/ul	98
95) Dibenzo(a,h)anthracene	28.199	278	711771	19.638	ng/ul	99
96) Benzo(g,h,i)perylene	29.221	276	659150	19.168	ng/ul	99

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

