

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063832.D
 Acq On : 26 Dec 2024 13:07
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020583

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 01:31:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	69613	20.000	ng/ul	0.00
20) Naphthalene-d8	10.584	136	295678	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	235219	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.188	188	590054	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	638728	20.000	ng/ul	0.00
88) Perylene-d12	24.456	264	690224	20.000	ng/ul	0.01

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System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17537	9.872	ng/uL	0.00
4) Pyridine-d5	3.663	84	120579	21.517	ng/ul	0.00
7) Phenol-d5	6.983	99	138332	21.576	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	91643	20.696	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	88893	21.416	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	102381	20.568	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	49007	23.213	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	54133	22.875	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	104067	22.713	ng/ul	0.00
31) 4-Chloroaniline-d4	10.725	131	149604	25.716	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	358040	22.370	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	405011	22.198	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	56750	25.025	ng/ul	0.00
60) Fluorene-d10	15.438	176	319963	22.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	67002	21.870	ng/ul	0.00
73) Anthracene-d10	17.288	188	597305	23.545	ng/ul	0.00
81) Pyrene-d10	19.592	212	716655	21.561	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.245	264	734033	22.646	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.293	88	19349	9.204	ng/ul#	86
5) Pyridine	3.681	79	132033	21.997	ng/ul#	91
6) Benzaldehyde	6.936	77	86607	22.022	ng/ul	97
8) Phenol	7.006	94	142088	20.795	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.218	93	109397	20.926	ng/ul	96
12) 2-Chlorophenol	7.371	128	92962	22.126	ng/ul	96
13) 2-Methylphenol	8.252	108	103116	20.880	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	155883	20.085	ng/ul	99
16) Acetophenone	8.616	105	174864	20.712	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.599	70	100296	19.909	ng/ul	92
18) 4-Methylphenol	8.581	108	115614	21.390	ng/ul	98
19) Hexachloroethane	8.869	117	42264	20.472	ng/ul	98
22) Nitrobenzene	8.992	77	150195	21.305	ng/ul	94
23) Isophorone	9.509	82	288294	21.643	ng/ul	99
25) 2-Nitrophenol	9.703	139	57570	23.671	ng/ul#	85
26) 2,4-Dimethylphenol	9.774	107	121502	22.016	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.997	93	158694	22.027	ng/ul#	93
29) 2,4-Dichlorophenol	10.250	162	101083	22.203	ng/ul	98
30) Naphthalene	10.637	128	331860	22.449	ng/ul	98
32) 4-Chloroaniline	10.749	127	145134	26.220	ng/ul	96
33) Hexachlorobutadiene	10.919	225	71489	19.329	ng/ul	96
34) Caprolactam	11.507	113	42326	26.895	ng/ul	86
35) 4-Chloro-3-methylphenol	11.895	107	120185	22.486	ng/ul	98
36) 2-Methylnaphthalene	12.253	142	239004	22.495	ng/ul	100

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37) 1-Methylnaphthalene	12.470	142	244142	22.559	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.623	216	140187	18.617	ng/ul#	99
40) Hexachlorocyclopentadiene	12.600	237	47002	15.790	ng/ul	94
41) 2,4,6-Trichlorophenol	12.876	196	88902	20.889	ng/ul	91
42) 2,4,5-Trichlorophenol	12.952	196	96463	21.718	ng/ul	95
43) 1,1'-Biphenyl	13.264	154	330519	21.307	ng/ul	95
44) 2-Chloronaphthalene	13.311	162	261062	20.958	ng/ul	98
45) 2-Nitroaniline	13.516	65	97759	23.429	ng/ul	94
47) Dimethylphthalate	13.892	163	367218	22.892	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	73090	24.534	ng/ul#	88
50) Acenaphthylene	14.157	152	435692	22.270	ng/ul	98
51) 3-Nitroaniline	14.351	138	53226	19.324	ng/ul	89
52) Acenaphthene	14.503	153	313598	22.616	ng/ul	96
53) 2,4-Dinitrophenol	14.574	184	34952	22.957	ng/ul	91
55) 4-Nitrophenol	14.691	109	59124	25.108	ng/ul	83
56) Dibenzofuran	14.838	168	451274	23.084	ng/ul	100
57) 2,4-Dinitrotoluene	14.815	165	116299	26.272	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.079	232	82232	21.478	ng/ul#	95
59) Diethylphthalate	15.261	149	359456	23.180	ng/ul	97
61) Fluorene	15.490	166	362372	23.214	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.485	204	186360	21.429	ng/ul	99
63) 4-Nitroaniline	15.514	138	46690m	16.932	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.584	198	70675	22.393	ng/ul	95
67) N-Nitrosodiphenylamine	15.702	169	315857	22.106	ng/ul	96
68) 4-Bromophenyl-phenylether	16.378	248	125923	20.940	ng/ul	98
69) Hexachlorobenzene	16.507	284	145946	21.662	ng/ul#	91
70) Atrazine	16.654	200	135168	22.379	ng/ul	93
71) Pentachlorophenol	16.854	266	55255m	19.451	ng/ul	
72) Phenanthrene	17.235	178	675703	23.763	ng/ul	99
74) Anthracene	17.324	178	681655	23.685	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	145150	18.437	ng/ul	99
76) Pentachlorobenzene	14.762	250	157622	20.210	ng/ul	99
77) Carbazole	17.600	167	609986	26.184	ng/ul	98
78) Di-n-butylphthalate	18.158	149	710692	25.261	ng/ul	98
80) Fluoranthene	19.257	202	842936	22.313	ng/ul	97
82) Pyrene	19.621	202	913645	22.732	ng/ul	96
83) Butylbenzylphthalate	20.514	149	311668	25.261	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.342	252	213859	18.547	ng/ul#	92
85) Benzo(a)anthracene	21.425	228	885272	22.115	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	448858	25.009	ng/ul	98
87) Chrysene	21.483	228	860627	22.558	ng/ul	98
89) Di-n-octyl phthalate	22.465	149	790971	26.550	ng/ul	100
90) Benzo(b)fluoranthene	23.505	252	870243	22.184	ng/ul	99
91) Benzo(k)fluoranthene	23.563	252	887423	22.678	ng/ul	97
93) Benzo(a)pyrene	24.315	252	815129	22.137	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.852	276	1021375	22.713	ng/ul	97
95) Dibenzo(a,h)anthracene	27.899	278	831922	23.121	ng/ul	98
96) Benzo(g,h,i)perylene	28.910	276	795595	22.296	ng/ul	96

12/30/2024

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

