

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
 Data File : BG062137.D
 Acq On : 19 Jul 2024 11:57
 Operator : MA/JU
 Sample : SSTD08026
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD080408

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/23/2024

07/20/2024

Supervised By :mohammad
ahmed

07/20/2024

Quant Time: Jul 19 12:52:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 12:42:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	36750	20.000	ng/u1	0.00
20) Naphthalene-d8	10.883	136	160526	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.696	164	135508	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	361375	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	362193	20.000	ng/u1	0.00
88) Perylene-d12	24.935	264	372208	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	25481	27.530	ng/uL	0.00
4) Pyridine-d5	3.875	84	235441	69.354	ng/u1	0.00
7) Phenol-d5	7.247	99	288534	72.976	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	163385	73.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	183391	74.312	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	226270	77.220	ng/u1	0.01
21) Nitrobenzene-d5	9.238	128	98028	80.413	ng/u1	0.00
24) 2-Nitrophenol-d4	9.961	143	122970	82.851	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.513	165	258694	77.735	ng/u1	0.00
31) 4-Chloroaniline-d4	11.024	131	307263	77.425	ng/u1	0.00
46) Dimethylphthalate-d6	14.102	166	870308	77.753	ng/u1	0.00
49) Acenaphthylene-d8	14.396	160	921603	78.640	ng/u1	0.00
54) 4-Nitrophenol-d4	14.936	143	110489	83.195	ng/u1	0.02
60) Fluorene-d10	15.688	176	758970	76.459	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.818	200	196946	92.794	ng/u1	0.00
73) Anthracene-d10	17.545	188	1318121	79.899	ng/u1	0.00
81) Pyrene-d10	19.824	212	1604628	77.839	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.729	264	1473226	78.903	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	30958	25.504	ng/uL	92
5) Pyridine	3.898	79	234472	69.359	ng/u1	85
6) Benzaldehyde	7.206	77	136919	67.248	ng/u1	98
8) Phenol	7.270	94	290378	74.086	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.488	93	192420	70.753	ng/u1	88
12) 2-Chlorophenol	7.635	128	183123	75.135	ng/u1	91
13) 2-Methylphenol	8.522	108	216072	75.470	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.586	45	356043	79.330	ng/u1	97
16) Acetophenone	8.898	105	385156	75.976	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.880	70	218473	78.596	ng/u1	89
18) 4-Methylphenol	8.856	108	238208	77.291	ng/u1	99
19) Hexachloroethane	9.150	117	81446	77.482	ng/u1	98
22) Nitrobenzene	9.285	77	325432	79.058	ng/u1	96
23) Isophorone	9.808	82	641377	78.228	ng/u1	97
25) 2-Nitrophenol	9.996	139	126909	79.743	ng/u1	86
26) 2,4-Dimethylphenol	10.055	107	308587	78.310	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.284	93	292114	76.391	ng/u1	99
29) 2,4-Dichlorophenol	10.537	162	238482	76.059	ng/u1#	84
30) Naphthalene	10.936	128	665425	75.399	ng/u1	100
32) 4-Chloroaniline	11.048	127	283573	75.542	ng/u1#	83
33) Hexachlorobutadiene	11.200	225	233467	79.900	ng/u1	96
34) Caprolactam	11.835	113	78277m	73.736	ng/u1	
35) 4-Chloro-3-methylphenol	12.181	107	290847	73.625	ng/u1	97
36) 2-Methylnaphthalene	12.534	142	496301	75.019	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	515134	74.446	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.892	216	435293	79.081	ng/ul#	98
40) Hexachlorocyclopentadiene	12.863	237	249683	112.734	ng/ul	97
41) 2,4,6-Trichlorophenol	13.139	196	257317	79.542	ng/ul	87
42) 2,4,5-Trichlorophenol	13.227	196	274042	80.174	ng/ul	97
43) 1,1'-Biphenyl	13.532	154	749686	79.011	ng/ul	97
44) 2-Chloronaphthalene	13.579	162	626172	79.561	ng/ul	97
45) 2-Nitroaniline	13.791	65	244956	84.315	ng/ul	90
47) Dimethylphthalate	14.149	163	823928	76.046	ng/ul	97
48) 2,6-Dinitrotoluene	14.279	165	179912	81.392	ng/ul	98
50) Acenaphthylene	14.425	152	985201	77.290	ng/ul	99
51) 3-Nitroaniline	14.613	138	137839	75.552	ng/ul#	98
52) Acenaphthene	14.766	153	649292	76.519	ng/ul	96
53) 2,4-Dinitrophenol	14.825	184	98246	129.689	ng/ul#	64
55) 4-Nitrophenol	14.948	109	170406	84.077	ng/ul	88
56) Dibenzofuran	15.095	168	977415	77.055	ng/ul	97
57) 2,4-Dinitrotoluene	15.072	165	266963	80.356	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.324	232	250146	84.296	ng/ul#	95
59) Diethylphthalate	15.506	149	820971	77.706	ng/ul	97
61) Fluorene	15.747	166	826578	74.892	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.730	204	512007	75.879	ng/ul	95
63) 4-Nitroaniline	15.782	138	139706	74.766	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.835	198	187536	91.741	ng/ul	93
67) N-Nitrosodiphenylamine	15.953	169	693097	79.036	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	340065	80.856	ng/ul	97
69) Hexachlorobenzene	16.740	284	357601	80.184	ng/ul	98
70) Atrazine	16.899	200	347108	79.827	ng/ul	98
71) Pentachlorophenol	17.098	266	137650	171.314	ng/ul	98
72) Phenanthrene	17.486	178	1342135	78.116	ng/ul	99
74) Anthracene	17.580	178	1390661	78.713	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.497	216	443316	86.566	ng/ul	94
76) Pentachlorobenzene	15.013	250	435159	83.272	ng/ul	97
77) Carbazole	17.850	167	1157904	78.527	ng/ul	100
78) Di-n-butylphthalate	18.385	149	1302500	79.089	ng/ul	99
80) Fluoranthene	19.489	202	1821926	75.905	ng/ul	99
82) Pyrene	19.853	202	1856196	75.380	ng/ul	100
83) Butylbenzylphthalate	20.723	149	571968	77.085	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.598	252	593232	74.373	ng/ul	98
85) Benzo(a)anthracene	21.686	228	1943217	76.848	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.569	149	802506	76.952	ng/ul	97
87) Chrysene	21.757	228	1774557	75.511	ng/ul	99
89) Di-n-octyl phthalate	22.779	149	1360712	80.733	ng/ul	100
90) Benzo(b)fluoranthene	23.913	252	1808469	79.196	ng/ul	99
91) Benzo(k)fluoranthene	23.983	252	1757314	77.630	ng/ul	99
93) Benzo(a)pyrene	24.800	252	1665429	78.701	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.647	276	1931594	76.914	ng/ul	96
95) Dibenzo(a,h)anthracene	28.712	278	1636834	79.018	ng/ul	99
96) Benzo(g,h,i)perylene	29.822	276	1534553	78.139	ng/ul	98

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

