

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061474.D
 Acq On : 5 Jun 2024 4:33
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020515

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

06/05/2024

Supervised By :mohammad
 ahmed

06/06/2024

Quant Time: Jun 05 05:11:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	35153	20.000	ng/u1	0.00
20) Naphthalene-d8	10.670	136	138151	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.512	164	107288	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	250049	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	276722	20.000	ng/u1	0.00
88) Perylene-d12	24.606	264	300787	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4278	6.810	ng/uL	0.00
4) Pyridine-d5	3.737	84	30255	13.539	ng/u1	0.00
7) Phenol-d5	7.062	99	52387	18.147	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	33205	18.300	ng/u1	0.00
11) 2-Chlorophenol-d4	7.415	132	42271	19.786	ng/u1	0.00
15) 4-Methylphenol-d8	8.596	113	46053	18.709	ng/u1	0.00
21) Nitrobenzene-d5	9.030	128	22585	21.233	ng/u1	0.00
24) 2-Nitrophenol-d4	9.753	143	24530	19.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	51441	21.196	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	60188	18.957	ng/u1	0.00
46) Dimethylphthalate-d6	13.919	166	161618	19.423	ng/u1	0.00
49) Acenaphthylene-d8	14.207	160	179050	20.697	ng/u1	0.00
54) 4-Nitrophenol-d4	14.759	143	15822	15.380	ng/u1	0.02
60) Fluorene-d10	15.505	176	142911	19.893	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	26796	17.718	ng/u1	0.02
73) Anthracene-d10	17.362	188	230315	20.892	ng/u1	0.00
81) Pyrene-d10	19.653	212	273022	19.216	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.401	264	293753	20.314	ng/u1	0.02
Target Compounds						
2) 1,4-Dioxane	3.367	88	3903	5.177	ng/uL	91
5) Pyridine	3.760	79	30709	13.894	ng/u1	86
6) Benzaldehyde	7.015	77	25095	16.625	ng/u1	97
8) Phenol	7.092	94	53567	18.212	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.297	93	40192	18.681	ng/u1	91
12) 2-Chlorophenol	7.444	128	44778	19.832	ng/u1	97
13) 2-Methylphenol	8.331	108	43788	19.209	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.402	45	96328	16.579	ng/u1	99
16) Acetophenone	8.696	105	74964	17.844	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.678	70	38713	16.760	ng/u1#	87
18) 4-Methylphenol	8.666	108	46458	18.395	ng/u1	97
19) Hexachloroethane	8.948	117	18112	18.029	ng/u1	94
22) Nitrobenzene	9.072	77	55968	19.184	ng/u1	98
23) Isophorone	9.595	82	103627	17.462	ng/u1	98
25) 2-Nitrophenol	9.783	139	27788	20.566	ng/u1	97
26) 2,4-Dimethylphenol	9.859	107	54590	20.390	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.076	93	57569	19.352	ng/u1#	98
29) 2,4-Dichlorophenol	10.335	162	48036	21.490	ng/u1	97
30) Naphthalene	10.717	128	147971	20.293	ng/u1	99
32) 4-Chloroaniline	10.834	127	58509	18.544	ng/u1	96
33) Hexachlorobutadiene	10.999	225	48734	22.305	ng/u1	96
34) Caprolactam	11.586	113	14764m	17.264	ng/u1	
35) 4-Chloro-3-methylphenol	11.980	107	53139	18.390	ng/u1	97
36) 2-Methylnaphthalene	12.333	142	106578	20.155	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061474.D
 Acq On : 5 Jun 2024 4:33
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020515

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 05:11:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu May 30 22:54:48 2024

Response via : Initial Calibration

06/05/2024

Supervised By :mohammad
ahmed

06/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.550	142	106107	19.552	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.703	216	85271	24.073	ng/ul	98
40) Hexachlorocyclopentadiene	12.673	237	33456	20.925	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.949	196	47082	23.598	ng/ul	95
42) 2,4,5-Trichlorophenol	13.038	196	46092	21.937	ng/ul	97
43) 1,1'-Biphenyl	13.343	154	147416	21.249	ng/ul	96
44) 2-Chloronaphthalene	13.384	162	120797	22.126	ng/ul	99
45) 2-Nitroaniline	13.596	65	42063	18.667	ng/ul	92
47) Dimethylphthalate	13.966	163	165504	19.083	ng/ul	99
48) 2,6-Dinitrotoluene	14.089	165	32473	19.093	ng/ul	94
50) Acenaphthylene	14.230	152	198517	20.694	ng/ul	98
51) 3-Nitroaniline	14.424	138	28303	19.176	ng/ul	85
52) Acenaphthene	14.577	153	132471	21.051	ng/ul	97
53) 2,4-Dinitrophenol	14.653	184	15436m	17.115	ng/ul	
55) 4-Nitrophenol	14.771	109	21573	17.836	ng/ul	93
56) Dibenzofuran	14.912	168	180279	20.037	ng/ul	99
57) 2,4-Dinitrotoluene	14.894	165	47596	18.394	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.153	232	37426	19.530	ng/ul	95
59) Diethylphthalate	15.329	149	157480	18.388	ng/ul	98
61) Fluorene	15.564	166	153533	19.722	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.552	204	90670	19.859	ng/ul	95
63) 4-Nitroaniline	15.588	138	27431	17.844	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.664	198	27392	17.283	ng/ul	97
67) N-Nitrosodiphenylamine	15.770	169	132246	21.042	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	65518	22.114	ng/ul	94
69) Hexachlorobenzene	16.575	284	69801	21.196	ng/ul	95
70) Atrazine	16.721	200	47249	18.997	ng/ul	99
71) Pentachlorophenol	16.933	266	25258m	22.037	ng/ul	
72) Phenanthrene	17.303	178	246310	20.295	ng/ul	98
74) Anthracene	17.397	178	256778	20.463	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.314	216	81856	24.765	ng/uL	98
76) Pentachlorobenzene	14.835	250	87086	23.831	ng/uL	92
77) Carbazole	17.667	167	209026	20.480	ng/ul	99
78) Di-n-butylphthalate	18.226	149	264917	20.715	ng/ul	100
80) Fluoranthene	19.324	202	327991	19.243	ng/ul	99
82) Pyrene	19.683	202	335598	18.968	ng/ul	99
83) Butylbenzylphthalate	20.570	149	119378	19.641	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.416	252	125394	21.348	ng/ul	99
85) Benzo(a)anthracene	21.498	228	389807	20.415	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	179682	19.972	ng/ul#	98
87) Chrysene	21.563	228	348728	19.835	ng/ul	99
89) Di-n-octyl phthalate	22.568	149	306435	20.364	ng/ul	100
90) Benzo(b)fluoranthene	23.631	252	380578	21.251	ng/ul	97
91) Benzo(k)fluoranthene	23.690	252	382859	21.059	ng/ul	98
93) Benzo(a)pyrene	24.465	252	347065	20.409	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.114	276	434878m	21.147	ng/ul	
95) Dibenzo(a,h)anthracene	28.173	278	356922m	21.049	ng/ul	
96) Benzo(g,h,i)perylene	29.213	276	319458m	19.527	ng/ul	

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

