Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061498.D
Acq On : 5 Jun 2024 23:26
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 06 00:09:20 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

Instrument :
BNA_G
ClientSampleId :
SSTD020517

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	36659	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	140205	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.511	164	111841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	257729	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	284646	20.000	ng/ul	0.00
88) Perylene-d12	24.617	264	294475	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4130	6.305	ng/uL	0.00
4) Pyridine-d5	3.741	84	40788	17.502	ng/ul	0.00
7) Phenol-d5	7.066	99	57516	19.105	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.202	67	34462	18.213	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	44543	19.993	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	47178	18.379	ng/ul	0.00
21) Nitrobenzene-d5	9.035	128	22742	21.068	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	27300	21.609	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	55008	22.334	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	60695	18.836	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	166147	19.154	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	188647	20.919	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	16503	15.389	ng/ul	0.03
60) Fluorene-d10	15.510	176	152038	20.302	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	28347	18.185	ng/ul	0.02
73) Anthracene-d10	17.360	188	243606	21.440	ng/ul	0.00
81) Pyrene-d10	19.658	212	296403	20.280	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.405	264	300248	21.208	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	4296	5.464	ng/uL	87
5) Pyridine	3.759	79	39471	17.124	ng/ul	83
6) Benzaldehyde	7.014	77	27296	17.340	ng/ul	92
8) Phenol	7.090	94	57460	18.733	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.296	93	42790	19.072	ng/ul	90
12) 2-Chlorophenol	7.448	128	49052	20.833	ng/ul	97
13) 2-Methylphenol	8.336	108	44024	18.519	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.406	45	94813	15.648	ng/ul#	95
16) Acetophenone	8.694	105	75344	17.198	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.676	70	37401	15.527	ng/ul	92
18) 4-Methylphenol	8.659	108	47061	17.868	ng/ul	100
19) Hexachloroethane	8.953	117	18713	17.862	ng/ul	86
22) Nitrobenzene	9.076	77	62551	21.127	ng/ul	96
23) Isophorone	9.593	82	106305	17.651	ng/ul	96
25) 2-Nitrophenol	9.787	139	27833	20.297	ng/ul	95
26) 2,4-Dimethylphenol	9.857	107	55255	20.336	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.075	93	59595	19.740	ng/ul	99
29) 2,4-Dichlorophenol	10.333	162	49877	21.987	ng/ul	98
30) Naphthalene	10.721	128	154717	20.907	ng/ul	98
32) 4-Chloroaniline	10.833	127	60693	18.954	ng/ul	99
33) Hexachlorobutadiene	11.003	225	51439	23.199	ng/ul	96
34) Caprolactam	11.591	113	13817m	15.920	ng/ul	
35) 4-Chloro-3-methylphenol	11.984	107	54282	18.510	ng/ul	94
36) 2-Methylnaphthalene	12.331	142	105845	19.723	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.548	142	113005	20.518	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.707	216	92659	25.094	ng/ul	95
40) Hexachlorocyclopentadiene	12.678	237	21218	12.731	ng/ul	93
41) 2,4,6-Trichlorophenol	12.954	196	50327	24.197	ng/ul	91
42) 2,4,5-Trichlorophenol	13.042	196	52175m	23.821	ng/ul	
43) 1,1'-Biphenyl	13.342	154	159723	22.086	ng/ul	97
44) 2-Chloronaphthalene	13.389	162	128607	22.597	ng/ul	99
45) 2-Nitroaniline	13.594	65	45014	19.164	ng/ul	96
47) Dimethylphthalate	13.964	163	173275	19.166	ng/ul	99
48) 2,6-Dinitrotoluene	14.094	165	35367	19.948	ng/ul	98
50) Acenaphthylene	14.235	152	206977	20.698	ng/ul	99
51) 3-Nitroaniline	14.423	138	29121	18.927	ng/ul	99
52) Acenaphthene	14.575	153	139981	21.339	ng/ul	98
53) 2,4-Dinitrophenol	14.658	184	17754	18.884	ng/ul	95
55) 4-Nitrophenol	14.775	109	22941	18.195	ng/ul	92
56) Dibenzofuran	14.910	168	194188	20.704	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	51354	19.038	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.151	232	40236	20.142	ng/ul	99
59) Diethylphthalate	15.327	149	164766	18.455	ng/ul	99
61) Fluorene	15.562	166	162547	20.030	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.551	204	97776	20.544	ng/ul	98
63) 4-Nitroaniline	15.592	138	29151	18.191	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.668	198	28841	17.655	ng/ul	96
67) N-Nitrosodiphenylamine	15.768	169	139899	21.597	ng/ul	98
68) 4-Bromophenyl-phenylether	16.450	248	69180	22.654	ng/ul	96
69) Hexachlorobenzene	16.573	284	76258	22.466	ng/ul	99
70) Atrazine	16.720	200	50000	19.504	ng/ul	99
71) Pentachlorophenol	16.931	266	19460	16.472	ng/ul#	87
72) Phenanthrene	17.307	178	264368	21.134	ng/ul	99
74) Anthracene	17.396	178	273286	21.130	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.312	216	91364	26.818	ng/uL	94
76) Pentachlorobenzene	14.840	250	89045	23.641	ng/uL	95
77) Carbazole	17.672	167	220467	20.957	ng/ul	98
78) Di-n-butylphthalate	18.224	149	270376	20.512	ng/ul	99
80) Fluoranthene	19.323	202	352113	20.083	ng/ul	99
82) Pyrene	19.687	202	366084	20.115	ng/ul	98
83) Butylbenzylphthalate	20.574	149	126830	20.286	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.414	252	134272	22.223	ng/ul	96
85) Benzo(a)anthracene	21.503	228	407660	20.756	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.409	149	183281	19.805	ng/ul#	98
87) Chrysene	21.567	228	376149	20.799	ng/ul	99
89) Di-n-octyl phthalate	22.572	149	315652	21.426	ng/ul	100
90) Benzo(b)fluoranthene	23.641	252	366868	20.925	ng/ul	97
91) Benzo(k)fluoranthene	23.700	252	372001	20.900	ng/ul	95
93) Benzo(a)pyrene	24.470	252	342711	20.585	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.130	276	405643m	20.148	ng/ul	
95) Dibenzo(a,h)anthracene	28.183	278	344143m	20.730	ng/ul	
96) Benzo(g,h,i)perylene	29.223	276	287617m	17.957	ng/ul	

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

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