Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061419.D
Acq On : 3 Jun 2024 11:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 03 23:20:10 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 :
SSTD020510

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	29878	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	123402	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	99064	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	224847	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.513	240	249610	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	279959	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	4226m	7.915	ng/uL	0.00
4) Pyridine-d5	3.740	84	36061	18.986	ng/ul	0.00
7) Phenol-d5	7.060	99	47565	19.386	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	29649	19.225	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	36691	20.206	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	40020	19.129	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	19087	20.089	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	22317	20.070	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	45290	20.892	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	56365	19.874	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	148432	19.319	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	165508	20.720	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	15599	16.422	ng/ul	0.00
60) Fluorene-d10	15.503	176	135197	20.381	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	27879	20.500	ng/ul	0.01
73) Anthracene-d10	17.359	188	206433	20.825	ng/ul	0.00
81) Pyrene-d10	19.651	212	257285	20.075	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	272081	20.215	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	5415m	8.450	ng/uL	
5) Pyridine	3.764	79	37057	19.726	ng/ul	94
6) Benzaldehyde	7.013	77	21750	16.953	ng/ul	91
8) Phenol	7.083	94	48570	19.428	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.295	93	36217	19.806	ng/ul	99
12) 2-Chlorophenol	7.447	128	39437	20.550	ng/ul	96
13) 2-Methylphenol	8.329	108	38043	19.636	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.399	45	88287	17.877	ng/ul#	96
16) Acetophenone	8.693	105	66048	18.498	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.675	70	33415	17.020	ng/ul	95
18) 4-Methylphenol	8.658	108	40398	18.819	ng/ul	98
19) Hexachloroethane	8.946	117	17489	20.482	ng/ul	91
22) Nitrobenzene	9.075	77	51650	19.820	ng/ul	99
23) Isophorone	9.598	82	97769	18.444	ng/ul	98
25) 2-Nitrophenol	9.780	139	24275	20.113	ng/ul	91
26) 2,4-Dimethylphenol	9.856	107	47330	19.791	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.074	93	51776	19.485	ng/ul	96
29) 2,4-Dichlorophenol	10.326	162	40031	20.049	ng/ul	94
30) Naphthalene	10.720	128	133503	20.497	ng/ul	100
32) 4-Chloroaniline	10.826	127	55145	19.566	ng/ul	96
33) Hexachlorobutadiene	11.002	225	40917	20.966	ng/ul	94
34) Caprolactam	11.578	113	13684m	17.914	ng/ul	
35) 4-Chloro-3-methylphenol	11.972	107	48711	18.873	ng/ul	91
36) 2-Methylnaphthalene	12.330	142	93713	19.840	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.547	142	95009	19.600	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.700	216	73218	22.386	ng/ul	99
40) Hexachlorocyclopentadiene	12.677	237	26374	17.865	ng/ul#	85
41) 2,4,6-Trichlorophenol	12.953	196	38577	20.940	ng/ul	95
42) 2,4,5-Trichlorophenol	13.035	196	38036	19.606	ng/ul	91
43) 1,1'-Biphenyl	13.341	154	132671	20.711	ng/ul	95
44) 2-Chloronaphthalene	13.382	162	108757	21.574	ng/ul	95
45) 2-Nitroaniline	13.593	65	39223	18.852	ng/ul	97
47) Dimethylphthalate	13.963	163	152280	19.016	ng/ul	98
48) 2,6-Dinitrotoluene	14.087	165	31629	20.141	ng/ul	97
50) Acenaphthylene	14.234	152	182060	20.554	ng/ul	98
51) 3-Nitroaniline	14.422	138	26712	19.600	ng/ul	91
52) Acenaphthene	14.574	153	121804	20.963	ng/ul	100
53) 2,4-Dinitrophenol	14.657	184	15411m	18.506	ng/ul	
55) 4-Nitrophenol	14.762	109	18592	16.647	ng/ul	93
56) Dibenzofuran	14.909	168	168872	20.327	ng/ul	97
57) 2,4-Dinitrotoluene	14.886	165	47154	19.736	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.150	232	35342	19.974	ng/ul#	96
59) Diethylphthalate	15.326	149	149884	18.954	ng/ul	98
61) Fluorene	15.561	166	144123	20.050	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.556	204	83317	19.764	ng/ul	97
63) 4-Nitroaniline	15.585	138	25672	18.086	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.661	198	27421	19.240	ng/ul#	94
67) N-Nitrosodiphenylamine	15.767	169	122513	21.679	ng/ul	96
68) 4-Bromophenyl-phenylether	16.449	248	56113	21.062	ng/ul	99
69) Hexachlorobenzene	16.572	284	60659	20.484	ng/ul	98
70) Atrazine	16.719	200	42348	18.935	ng/ul	95
71) Pentachlorophenol	16.930	266	21465m	20.826	ng/ul	
72) Phenanthrene	17.301	178	228715	20.958	ng/ul	99
74) Anthracene	17.395	178	240281	21.295	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.311	216	73611	24.767	ng/uL	97
76) Pentachlorobenzene	14.833	250	75746	23.051	ng/uL	94
77) Carbazole	17.665	167	197612	21.531	ng/ul	97
78) Di-n-butylphthalate	18.223	149	247647	21.535	ng/ul	99
80) Fluoranthene	19.322	202	308173	20.044	ng/ul	99
82) Pyrene	19.680	202	326095	20.433	ng/ul	99
83) Butylbenzylphthalate	20.567	149	112609	20.540	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.413	252	115633	21.825	ng/ul	98
85) Benzo(a)anthracene	21.496	228	349241	20.277	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	167617	20.655	ng/ul	100
87) Chrysene	21.560	228	321373	20.265	ng/ul	99
89) Di-n-octyl phthalate	22.565	149	286961	20.488	ng/ul	100
90) Benzo(b)fluoranthene	23.623	252	334928	20.093	ng/ul	99
91) Benzo(k)fluoranthene	23.681	252	339703	20.075	ng/ul	98
93) Benzo(a)pyrene	24.451	252	321400	20.306	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.094	276	397796	20.783	ng/ul	100
95) Dibenzo(a,h)anthracene	28.153	278	330665	20.951	ng/ul	98
96) Benzo(g,h,i)perylene	29.187	276	310902	20.417	ng/ul	94

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

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