Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103023\
Data File : BG059553.D
Acq On : 30 Oct 2023 20:10
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020463

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

Quant Time: Oct 31 05:22:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.359	152	70759	20.000	ng/ul	0.00
20) Naphthalene-d8	11.208	136	312431	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	266069	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.742	188	593743	20.000	ng/ul	0.00
79) Chrysene-d12	22.078	240	491393	20.000	ng/ul	# 0.00
88) Perylene-d12	25.680	264	581987	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	11957m	6.322	ng/uL	0.00
4) Pyridine-d5	4.087	84	95402	18.052	ng/ul	0.00
7) Phenol-d5	7.466	99	138474	19.044	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	62749	18.788	ng/ul	0.00
11) 2-Chlorophenol-d4	7.877	132	112709	19.106	ng/ul	0.00
15) 4-Methylphenol-d8	9.040	113	114296	19.813	ng/ul	0.00
21) Nitrobenzene-d5	9.557	128	52800	23.768	ng/ul	0.00
24) 2-Nitrophenol-d4	10.274	143	57863	25.372	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.803	165	113187	22.527	ng/ul	0.00
31) 4-Chloroaniline-d4	11.349	131	164609	19.901	ng/ul	0.00
46) Dimethylphthalate-d6	14.381	166	428618	17.781	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	505561	17.871	ng/ul	0.00
54) 4-Nitrophenol-d4	15.151	143	88991	21.528	ng/ul	0.00
60) Fluorene-d10	15.973	176	379464	18.420	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	59092	21.016	ng/ul	0.00
73) Anthracene-d10	17.842	188	623526	19.384	ng/ul	0.00
81) Pyrene-d10	20.110	212	633553	18.549	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.433	264	609101	17.773	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.700	88	13731	6.487	ng/uL#	76
5) Pyridine	4.111	79	86923	16.674	ng/ul	88
6) Benzaldehyde	7.501	77	74026	22.603	ng/ul	96
8) Phenol	7.495	94	134829	19.669	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.777	93	92001	18.302	ng/ul	91
12) 2-Chlorophenol	7.912	128	113222	19.360	ng/ul#	86
13) 2-Methylphenol	8.776	108	111133	19.447	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.876	45	75384m	15.935	ng/ul	
16) Acetophenone	9.205	105	171776	18.890	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.164	70	75096	17.527	ng/ul#	86
18) 4-Methylphenol	9.111	108	117498	19.325	ng/ul	90
19) Hexachloroethane	9.452	117	43590	18.767	ng/ul	92
22) Nitrobenzene	9.598	77	112026	23.363	ng/ul	95
23) Isophorone	10.110	82	220677	18.275	ng/ul#	90
25) 2-Nitrophenol	10.309	139	63021	25.695	ng/ul#	79
26) 2,4-Dimethylphenol	10.333	107	129826	20.124	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.597	93	128282	19.079	ng/ul	97
29) 2,4-Dichlorophenol	10.826	162	104512	21.500	ng/ul	93
30) Naphthalene	11.261	128	363626	18.673	ng/ul	99
32) 4-Chloroaniline	11.373	127	163050	20.753	ng/ul#	87
33) Hexachlorobutadiene	11.490	225	68941	23.640	ng/ul	93
34) Caprolactam	12.143	113	41844m	23.530	ng/ul	
35) 4-Chloro-3-methylphenol	12.436	107	142351	24.543	ng/ul	95
36) 2-Methylnaphthalene	12.836	142	289814	21.633	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.053	142	291801	21.868	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.177	216	121384	15.817	ng/ul	98
40) Hexachlorocyclopentadiene	13.136	237	63255	14.140	ng/ul	93
41) 2,4,6-Trichlorophenol	13.418	196	96801	18.217	ng/ul	97
42) 2,4,5-Trichlorophenol	13.482	196	101638	17.667	ng/ul	84
43) 1,1'-Biphenyl	13.829	154	434209	18.040	ng/ul	95
44) 2-Chloronaphthalene	13.876	162	340603	18.207	ng/ul	98
45) 2-Nitroaniline	14.087	65	87573	25.159	ng/ul	97
47) Dimethylphthalate	14.428	163	418890	17.589	ng/ul#	96
48) 2,6-Dinitrotoluene	14.569	165	77121	21.467	ng/ul#	71
50) Acenaphthylene	14.722	152	580937	17.823	ng/ul	97
51) 3-Nitroaniline	14.904	138	108714	24.277	ng/ul#	68
52) Acenaphthene	15.051	153	382153	17.987	ng/ul	97
53) 2,4-Dinitrophenol	15.098	184	43947	21.529	ng/ul	96
55) 4-Nitrophenol	15.168	109	104993	23.047	ng/ul	95
56) Dibenzofuran	15.386	168	503706	18.287	ng/ul	90
57) 2,4-Dinitrotoluene	15.345	165	122568	24.255	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.586	232	99152	21.959	ng/ul#	88
59) Diethylphthalate	15.774	149	456033	17.554	ng/ul	97
61) Fluorene	16.032	166	439507	18.483	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.015	204	190071	18.703	ng/ul	93
63) 4-Nitroaniline	16.062	138	107909m	22.707	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.091	198	60616	20.455	ng/ul#	86
67) N-Nitrosodiphenylamine	16.232	169	372339	18.353	ng/ul	97
68) 4-Bromophenyl-phenylether	16.913	248	111647	18.791	ng/ul	90
69) Hexachlorobenzene	17.002	284	139668	20.340	ng/ul#	89
70) Atrazine	17.166	200	125504	19.964	ng/ul	96
71) Pentachlorophenol	17.354	266	85225	21.726	ng/ul	98
72) Phenanthrene	17.783	178	716455	18.561	ng/ul	98
74) Anthracene	17.877	178	749944	19.242	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.788	216	138000	17.453	ng/uL#	85
76) Pentachlorobenzene	15.280	250	138695	18.485	ng/uL	99
77) Carbazole	18.147	167	650243	19.422	ng/ul	97
78) Di-n-butylphthalate	18.658	149	860645	18.709	ng/ul	98
80) Fluoranthene	19.775	202	773704	18.583	ng/ul	98
82) Pyrene	20.139	202	810562	18.742	ng/ul#	94
83) Butylbenzylphthalate	21.003	149	376800	19.292	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.960	252	275874	21.589	ng/ul	93
85) Benzo(a)anthracene	22.054	228	752740	18.615	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.902	149	581180	19.942	ng/ul	99
87) Chrysene	22.125	228	713546	18.969	ng/ul	95
89) Di-n-octyl phthalate	23.253	149	981367	19.260	ng/ul	100
90) Benzo(b)fluoranthene	24.516	252	746329	17.691	ng/ul	99
91) Benzo(k)fluoranthene	24.599	252	726522	17.241	ng/ul	98
93) Benzo(a)pyrene	25.515	252	691676	17.347	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.863	276	930551m	18.413	ng/ul	
95) Dibenzo(a,h)anthracene	29.975	278	778410	18.649	ng/ul	97
96) Benzo(g,h,i)perylene	31.203	276	744359	17.996	ng/ul#	95

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

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