Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060122\
Data File : BG053779.D
Acq On : 1 Jun 2022 10:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020562

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/02/2022
Supervised By :mohammad ahmed 06/06/2022

Quant Time: Jun 02 04:17:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 01 00:25:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	22623	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.905	136	94316	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	66029	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	162828	20.000	ng/ul	0.00
79) Chrysene-d12	21.740	240	172854	20.000	ng/ul	0.00
88) Perylene-d12	25.012	264	175718	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	4256	7.116	ng/uL	0.00
4) Pyridine-d5	3.943	84	26637	20.199	ng/ul	0.00
7) Phenol-d5	7.239	99	33455	19.446	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.421	67	22192	19.956	ng/ul	0.00
11) 2-Chlorophenol-d4	7.627	132	27654	20.216	ng/ul	0.00
15) 4-Methylphenol-d8	8.790	113	28397	19.927	ng/ul	0.00
21) Nitrobenzene-d5	9.254	128	11688	20.731	ng/ul	0.00
24) 2-Nitrophenol-d4	9.983	143	12076	21.580	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.517	165	29520	19.424	ng/ul	0.00
31) 4-Chloroaniline-d4	11.029	131	40235	19.298	ng/ul	0.00
46) Dimethylphthalate-d6	14.119	166	98943	19.500	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	110176	19.433	ng/ul	0.00
54) 4-Nitrophenol-d4	14.883	143	13982	20.041	ng/ul	0.00
60) Fluorene-d10	15.711	176	85885	19.328	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	12909	19.829	ng/ul	0.00
73) Anthracene-d10	17.562	188	143311	19.486	ng/ul	0.00
81) Pyrene-d10	19.842	212	184455	20.049	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.783	264	172441	19.622	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	4524	7.190	ng/uL#	74
5) Pyridine	3.960	79	28998	20.795	ng/ul	97
6) Benzaldehyde	7.233	77	23056	25.444	ng/ul	98
8) Phenol	7.268	94	37262	20.234	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.509	93	27666	19.617	ng/ul	94
12) 2-Chlorophenol	7.656	128	28419	20.300	ng/ul	95
13) 2-Methylphenol	8.526	108	27837	19.677	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.626	45	47738	20.141	ng/ul	96
16) Acetophenone	8.919	105	45204	20.309	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.902	70	24508	19.726	ng/ul	97
18) 4-Methylphenol	8.855	108	30421	20.344	ng/ul	93
19) Hexachloroethane	9.190	117	11406	19.220	ng/ul	89
22) Nitrobenzene	9.295	77	31309	21.294	ng/ul	98
23) Isophorone	9.824	82	66693	19.234	ng/ul	96
25) 2-Nitrophenol	10.018	139	12868	21.611	ng/ul	91
26) 2,4-Dimethylphenol	10.065	107	33825	18.817	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.306	93	39114	19.616	ng/ul	94
29) 2,4-Dichlorophenol	10.547	162	29395	19.503	ng/ul	97
30) Naphthalene	10.958	128	93427	19.571	ng/ul	98
32) 4-Chloroaniline	11.058	127	40250	19.594	ng/ul	97
33) Hexachlorobutadiene	11.252	225	23686	18.935	ng/ul	96
34) Caprolactam	11.810	113	7902m	18.732	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	30539	19.202	ng/ul	98
36) 2-Methylnaphthalene	12.556	142	65860	19.534	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.774	142	64841	19.329	ng/ul	93
39)	1,2,4,5-Tetrachloroben...	12.921	216	44420	19.233	ng/ul	97
40)	Hexachlorocyclopentadiene	12.909	237	29202	18.598	ng/ul	95
41)	2,4,6-Trichlorophenol	13.156	196	25508	19.382	ng/ul	99
42)	2,4,5-Trichlorophenol	13.220	196	27609	19.504	ng/ul	97
43)	1,1'-Biphenyl	13.555	154	92146	19.292	ng/ul	99
44)	2-Chloronaphthalene	13.596	162	72363	19.449	ng/ul	99
45)	2-Nitroaniline	13.790	65	17662	22.328	ng/ul	94
47)	Dimethylphthalate	14.166	163	94664	19.485	ng/ul	99
48)	2,6-Dinitrotoluene	14.284	165	15677	22.114	ng/ul	100
50)	Acenaphthylene	14.442	152	116579	19.180	ng/ul	98
51)	3-Nitroaniline	14.607	138	15162	22.335	ng/ul#	89
52)	Acenaphthene	14.783	153	77179	19.131	ng/ul	98
53)	2,4-Dinitrophenol	14.812	184	7380	19.732	ng/ul#	74
55)	4-Nitrophenol	14.901	109	12927	19.634	ng/ul	96
56)	Dibenzofuran	15.118	168	113122	19.386	ng/ul	97
57)	2,4-Dinitrotoluene	15.065	165	22136	22.353	ng/ul#	99
58)	2,3,4,6-Tetrachlorophenol	15.335	232	24085	19.203	ng/ul	99
59)	Diethylphthalate	15.529	149	97097	19.316	ng/ul	99
61)	Fluorene	15.764	166	93516	19.557	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.758	204	51442	19.176	ng/ul	100
63)	4-Nitroaniline	15.764	138	15995	24.409	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.829	198	11413	18.849	ng/ul	98
67)	N-Nitrosodiphenylamine	15.964	169	82864	18.637	ng/ul	94
68)	4-Bromophenyl-phenylether	16.651	248	35144	19.464	ng/ul	98
69)	Hexachlorobenzene	16.775	284	39435	20.228	ng/ul	94
70)	Atrazine	16.910	200	37918	19.333	ng/ul	96
71)	Pentachlorophenol	17.110	266	21306	18.389	ng/ul	87
72)	Phenanthrene	17.503	178	162757	19.375	ng/ul	99
74)	Anthracene	17.597	178	164407	19.180	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.526	216	47659	18.508	ng/uL	98
76)	Pentachlorobenzene	15.042	250	44588	19.278	ng/uL	98
77)	Carbazole	17.856	167	148257	19.842	ng/ul	99
78)	Di-n-butylphthalate	18.426	149	173894	18.613	ng/ul	100
80)	Fluoranthene	19.513	202	214597	20.066	ng/ul	98
82)	Pyrene	19.871	202	212079	20.007	ng/ul	98
83)	Butylbenzylphthalate	20.758	149	74391	19.284	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.634	252	77470	20.144	ng/ul	98
85)	Benzo(a)anthracene	21.722	228	217217	19.875	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.640	149	106910	18.872	ng/ul	98
87)	Chrysene	21.787	228	206220	19.740	ng/ul	99
89)	Di-n-octyl phthalate	22.879	149	177760	18.593	ng/ul	100
90)	Benzo(b)fluoranthene	23.972	252	220359	19.989	ng/ul	98
91)	Benzo(k)fluoranthene	24.037	252	203318	19.364	ng/ul	100
93)	Benzo(a)pyrene	24.859	252	210150	19.738	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	28.737	276	242647	19.868	ng/ul	99
95)	Dibenzo(a,h)anthracene	28.820	278	208826m	19.913	ng/ul	
96)	Benzo(g,h,i)perylene	29.907	276	204883	19.890	ng/ul	99

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

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