Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072622\
Data File : BP011118.D
Acq On : 26 Jul 2022 19:40
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020715

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/27/2022
Supervised By :mohammad ahmed 07/27/2022

Quant Time: Jul 26 22:35:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 14:31:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	441156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136	1858515	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.322	164	986165	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	1763255	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.210	240	1588830	20.000	ng/ul	# 0.00
88) Perylene-d12	23.545	264	1718218	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	99893	8.163	ng/uL	0.00
4) Pyridine-d5	3.570	84	654384	20.689	ng/ul	0.00
7) Phenol-d5	6.840	99	755420	20.860	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	540396	23.207	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	642036	21.942	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	629003	21.697	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	320338	23.652	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	318032	23.731	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	534639	21.814	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	827886	20.490	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	1465441	21.742	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1828153	22.988	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	247089	18.114	ng/ul	0.00
60) Fluorene-d10	15.322	176	1216598	21.235	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	182652	20.934	ng/ul	0.00
73) Anthracene-d10	17.192	188	1696122	22.627	ng/ul	0.00
81) Pyrene-d10	19.445	212	1825295	21.874	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.398	264	1818733	22.039	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	104071	8.106	ng/uL#	87
5) Pyridine	3.587	79	688653	21.127	ng/ul#	76
6) Benzaldehyde	6.811	77	264923	15.061	ng/ul	98
8) Phenol	6.869	94	817530	21.239	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.099	93	686294	22.465	ng/ul	92
12) 2-Chlorophenol	7.228	128	665436	22.000	ng/ul	93
13) 2-Methylphenol	8.110	108	602610	21.169	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.193	45	1038861	24.863	ng/ul	97
16) Acetophenone	8.493	105	994299	22.656	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.481	70	527410	23.951	ng/ul	95
18) 4-Methylphenol	8.446	108	653555	21.503	ng/ul	98
19) Hexachloroethane	8.734	117	288876	24.134	ng/ul#	78
22) Nitrobenzene	8.869	77	758615	23.818	ng/ul	93
23) Isophorone	9.399	82	1410130	23.655	ng/ul	98
25) 2-Nitrophenol	9.575	139	347524	23.102	ng/ul#	84
26) 2,4-Dimethylphenol	9.640	107	723417	22.740	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.881	93	901947	22.863	ng/ul	98
29) 2,4-Dichlorophenol	10.104	162	549327	21.654	ng/ul	99
30) Naphthalene	10.504	128	2111683	22.297	ng/ul	99
32) 4-Chloroaniline	10.628	127	823666	20.609	ng/ul	99
33) Hexachlorobutadiene	10.787	225	339173	22.969	ng/ul	96
34) Caprolactam	11.416	113	163962	18.443	ng/ul	96
35) 4-Chloro-3-methylphenol	11.763	107	602536	21.017	ng/ul	96
36) 2-Methylnaphthalene	12.128	142	1330753	21.674	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	1336538	21.717	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	596104	22.919	ng/ul#	98
40) Hexachlorocyclopentadiene	12.475	237	389912	24.204	ng/ul	98
41) 2,4,6-Trichlorophenol	12.746	196	373545	21.808	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	401102	21.911	ng/ul	99
43) 1,1'-Biphenyl	13.151	154	1682264	22.862	ng/ul#	98
44) 2-Chloronaphthalene	13.193	162	1258721	22.775	ng/ul	97
45) 2-Nitroaniline	13.410	65	377261	23.429	ng/ul#	84
47) Dimethylphthalate	13.793	163	1462978	21.511	ng/ul	98
48) 2,6-Dinitrotoluene	13.916	165	281385	22.853	ng/ul	95
50) Acenaphthylene	14.045	152	2040524	22.867	ng/ul	98
51) 3-Nitroaniline	14.245	138	209223	14.143	ng/ul	89
52) Acenaphthene	14.387	153	1314963	22.244	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	127569	17.709	ng/ul	92
55) 4-Nitrophenol	14.557	109	197128	18.875	ng/ul#	77
56) Dibenzofuran	14.728	168	1783781	21.868	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	390825	22.253	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.957	232	295150	20.589	ng/ul#	86
59) Diethylphthalate	15.169	149	1484029	21.248	ng/ul	98
61) Fluorene	15.381	166	1398902	21.370	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	647834	21.497	ng/ul	91
63) 4-Nitroaniline	15.410	138	178020m	13.094	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	194859	21.770	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	1184056	23.508	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	371978	23.391	ng/ul	93
69) Hexachlorobenzene	16.387	284	408995	22.159	ng/ul#	92
70) Atrazine	16.569	200	382315	21.942	ng/ul	97
71) Pentachlorophenol	16.739	266	231195	20.339	ng/ul	98
72) Phenanthrene	17.134	178	2045732	22.269	ng/ul	99
74) Anthracene	17.228	178	2063362	22.580	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	606018	24.008	ng/uL	98
76) Pentachlorobenzene	14.640	250	533157	24.095	ng/uL	99
77) Carbazole	17.504	167	1826020	21.350	ng/ul	99
78) Di-n-butylphthalate	18.075	149	2407615	22.521	ng/ul	99
80) Fluoranthene	19.116	202	2206152	22.605	ng/ul#	85
82) Pyrene	19.475	202	2279176	22.635	ng/ul#	84
83) Butylbenzylphthalate	20.369	149	1052306	23.426	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.133	252	617821	21.961	ng/ul#	97
85) Benzo(a)anthracene	21.192	228	2137883	22.094	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.133	149	1595905	23.811	ng/ul#	96
87) Chrysene	21.245	228	2091407	22.012	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	2777569	24.104	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	2267988	21.377	ng/ul#	95
91) Benzo(k)fluoranthene	22.880	252	2210912	22.186	ng/ul#	94
93) Benzo(a)pyrene	23.445	252	2241428	21.999	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.968	276	2655502	22.427	ng/ul#	87
95) Dibenzo(a,h)anthracene	25.986	278	2281600	22.269	ng/ul#	91
96) Benzo(g,h,i)perylene	26.709	276	2260614	22.416	ng/ul#	86

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

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