Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072622\
Data File : BP011101.D
Acq On : 26 Jul 2022 09:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020714

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

Quant Time: Jul 26 14:31:56 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	441819	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	2043797	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1223698	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	2411666	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.216	240	1846606	20.000	ng/ul	# 0.00
88) Perylene-d12	23.557	264	1487062	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	101109	8.250	ng/uL	0.00
4) Pyridine-d5	3.570	84	670574	21.169	ng/ul	0.00
7) Phenol-d5	6.840	99	802202	22.119	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	556882	23.879	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	671871	22.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	693476	23.885	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	340152	22.838	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	344598	23.382	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	604425	22.426	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	1036044	23.317	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	1911694	22.857	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2274024	23.045	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	334425	19.757	ng/ul	0.00
60) Fluorene-d10	15.328	176	1590820	22.377	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	266784	22.356	ng/ul	0.00
73) Anthracene-d10	17.192	188	2333251	22.758	ng/ul	0.00
81) Pyrene-d10	19.451	212	2465175	25.418	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	1603332	22.449	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	103929	8.082	ng/uL#	87
5) Pyridine	3.593	79	697280	21.360	ng/ul#	76
6) Benzaldehyde	6.816	77	264497	15.014	ng/ul	99
8) Phenol	6.869	94	864761m	22.432	ng/ul	
10) Bis(2-Chloroethyl)ether	7.099	93	718945	23.498	ng/ul	92
12) 2-Chlorophenol	7.228	128	689428	22.759	ng/ul	93
13) 2-Methylphenol	8.116	108	661673	23.209	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.205	45	1069583	25.560	ng/ul#	97
16) Acetophenone	8.493	105	1079877	24.569	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.481	70	585612	26.554	ng/ul	94
18) 4-Methylphenol	8.446	108	729048	23.951	ng/ul	98
19) Hexachloroethane	8.734	117	280822	23.426	ng/ul#	78
22) Nitrobenzene	8.869	77	804021	22.955	ng/ul	92
23) Isophorone	9.399	82	1610031	24.560	ng/ul	98
25) 2-Nitrophenol	9.575	139	387359	23.415	ng/ul#	85
26) 2,4-Dimethylphenol	9.646	107	812797	23.234	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.887	93	1005604	23.180	ng/ul	98
29) 2,4-Dichlorophenol	10.110	162	621183	22.267	ng/ul	99
30) Naphthalene	10.504	128	2299322	22.077	ng/ul	100
32) 4-Chloroaniline	10.628	127	1021755	23.248	ng/ul	99
33) Hexachlorobutadiene	10.793	225	356231	21.937	ng/ul	96
34) Caprolactam	11.422	113	225375m	23.052	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	749176	23.763	ng/ul	97
36) 2-Methylnaphthalene	12.128	142	1539191	22.796	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	1553957	22.961	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.498	216	687993	21.317	ng/ul#	97
40) Hexachlorocyclopentadiene	12.481	237	420848	21.053	ng/ul	95
41) 2,4,6-Trichlorophenol	12.751	196	470052	22.116	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	512069	22.543	ng/ul	99
43) 1,1'-Biphenyl	13.157	154	2014934	22.068	ng/ul#	97
44) 2-Chloronaphthalene	13.193	162	1511618	22.041	ng/ul	97
45) 2-Nitroaniline	13.410	65	480753	24.061	ng/ul#	84
47) Dimethylphthalate	13.798	163	1923166	22.789	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	381281	24.955	ng/ul	96
50) Acenaphthylene	14.045	152	2514099	22.705	ng/ul	98
51) 3-Nitroaniline	14.245	138	270174	14.718	ng/ul	91
52) Acenaphthene	14.392	153	1628754	22.204	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	178232	19.939	ng/ul	91
55) 4-Nitrophenol	14.563	109	263299	20.317	ng/ul#	74
56) Dibenzofuran	14.734	168	2257238	22.301	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	541631	24.853	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.957	232	398959	22.428	ng/ul#	84
59) Diethylphthalate	15.175	149	2015713	23.258	ng/ul	98
61) Fluorene	15.387	166	1818759	22.391	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	829655	22.186	ng/ul	94
63) 4-Nitroaniline	15.416	138	213085m	12.631	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	272617	22.268	ng/ul	98
67) N-Nitrosodiphenylamine	15.604	169	1574827	22.860	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	491184	22.582	ng/ul	95
69) Hexachlorobenzene	16.392	284	559988	22.183	ng/ul	94
70) Atrazine	16.575	200	543988	22.826	ng/ul	98
71) Pentachlorophenol	16.739	266	328355	21.120	ng/ul	97
72) Phenanthrene	17.139	178	2789539	22.202	ng/ul	98
74) Anthracene	17.233	178	2823774	22.593	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	719968	20.854	ng/uL	99
76) Pentachlorobenzene	14.645	250	669561	22.124	ng/uL	99
77) Carbazole	17.510	167	2530946	21.636	ng/ul	99
78) Di-n-butylphthalate	18.075	149	3425965	23.430	ng/ul	99
80) Fluoranthene	19.122	202	3020499	26.629	ng/ul#	86
82) Pyrene	19.480	202	3041897	25.993	ng/ul#	83
83) Butylbenzylphthalate	20.375	149	1443505	27.649	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.139	252	681661	20.848	ng/ul#	98
85) Benzo(a)anthracene	21.198	228	2498399	22.216	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.139	149	2088531	26.811	ng/ul#	96
87) Chrysene	21.251	228	2396974	21.707	ng/ul	98
89) Di-n-octyl phthalate	22.045	149	3182238	31.908	ng/ul	100
90) Benzo(b)fluoranthene	22.845	252	2156748	23.489	ng/ul#	96
91) Benzo(k)fluoranthene	22.892	252	1985331	23.019	ng/ul#	95
93) Benzo(a)pyrene	23.451	252	1961373	22.243	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.980	276	2080218	20.299	ng/ul#	88
95) Dibenzo(a,h)anthracene	25.998	278	1785168	20.132	ng/ul#	91
96) Benzo(g,h,i)perylene	26.727	276	1772315	20.306	ng/ul#	85

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

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