Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040920\
Data File : BN010451.D
Acq On : 09 Apr 2020 12:49
Operator : CG/JU
Sample : SSTD08055
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08055

Manual Integrations APPROVED
mohammad
4/10/2020 8:06:09 AM

Quant Time: Apr 09 13:21:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 09 12:08:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	570839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2399112	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1538960	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	3426605	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	3181284	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	3081024	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	334663	27.72	ng/uL	0.00
5) Phenol-d5	6.80	99	3511735	73.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	1722061	69.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	3014460	79.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	2945481	73.22	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	1477667	82.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	1723203	91.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	3144516	80.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	3597000	77.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	8678345	74.74	ng/ul	0.01
47) Acenaphthylene-d8	13.93	160	10443673	76.99	ng/ul	0.01
52) 4-Nitrophenol-d4	14.47	143	1761604	80.77	ng/ul	0.02
58) Fluorene-d10	15.24	176	7582801	74.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	1529479	77.95	ng/ul	0.01
71) Anthracene-d10	17.09	188	11579067	73.59	ng/ul	0.01
79) Pyrene-d10	19.39	212	13360468	81.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	11987530	78.21	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	349670	27.402	ng/uL	96
4) Benzaldehyde	6.76	77	1944789	79.937	ng/ul	99
6) Phenol	6.83	94	3609027	72.423	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	2748507	71.349	ng/ul	98
10) 2-Chlorophenol	7.19	128	3054422	78.003	ng/ul	97
11) 2-Methylphenol	8.06	108	2866439	74.021	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	1733364	65.680	ng/ul	96
14) Acetophenone	8.43	105	4358084	71.268	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	2086879	69.920	ng/ul	97
16) 4-Methylphenol	8.39	108	3062232	72.321	ng/ul	96
17) Hexachloroethane	8.68	117	1243021	78.346	ng/ul	91
20) Nitrobenzene	8.79	77	3347916	77.333	ng/ul	96
21) Isophorone	9.33	82	6237298	75.342	ng/ul	99
23) 2-Nitrophenol	9.50	139	1819333	84.443	ng/ul	97
24) 2,4-Dimethylphenol	9.57	107	3396533	77.097	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	3771077	72.515	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	3067919	77.691	ng/ul	99
28) Naphthalene	10.42	128	9664596	74.883	ng/ul	99
30) 4-Chloroaniline	10.53	127	3547217	76.420	ng/ul	99
31) Hexachlorobutadiene	10.72	225	2158558	82.213	ng/ul	94
32) Caprolactam	11.33	113	1004966m	76.271	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	3294717	79.122	ng/ul	100
34) 2-Methylnaphthalene	12.04	142	6974432	74.381	ng/ul	98

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35) 1-Methylnaphthalene	12.26	142	6806964	73.170	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	3878443	79.917	ng/ul	96
38) Hexachlorocyclopentadiene	12.40	237	2055286	64.211	ng/ul	96
39) 2,4,6-Trichlorophenol	12.66	196	2612241	84.267	ng/ul	99
40) 2,4,5-Trichlorophenol	12.74	196	2781489	83.462	ng/ul	95
41) 1,1'-Biphenyl	13.07	154	8805096	75.187	ng/ul	100
42) 2-Chloronaphthalene	13.10	162	7195268	77.326	ng/ul	97
43) 2-Nitroaniline	13.32	65	1813334	86.775	ng/ul	96
45) Dimethylphthalate	13.71	163	9015457	75.187	ng/ul	99
46) 2,6-Dinitrotoluene	13.82	165	2049537	86.958	ng/ul	100
48) Acenaphthylene	13.96	152	10808326	74.062	ng/ul	96
49) 3-Nitroaniline	14.15	138	1914071	87.012	ng/ul	98
50) Acenaphthene	14.30	153	7523900	74.842	ng/ul	95
51) 2,4-Dinitrophenol	14.36	184	1089801	80.238	ng/ul	98
53) 4-Nitrophenol	14.48	109	1394965	80.007	ng/ul	97
54) Dibenzofuran	14.65	168	10410121	73.517	ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	2911394	84.171	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.87	232	2488780	85.558	ng/ul	98
57) Diethylphthalate	15.09	149	9138256	76.926	ng/ul	99
59) Fluorene	15.30	166	8386794	72.776	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.29	204	4360647	72.886	ng/ul	98
61) 4-Nitroaniline	15.33	138	2164271	87.214	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.39	198	1648728	76.573	ng/ul	94
65) N-Nitrosodiphenylamine	15.51	169	7440873	74.639	ng/ul	97
66) 4-Bromophenyl-phenylether	16.19	248	2929810	81.287	ng/ul	95
67) Hexachlorobenzene	16.30	284	3339140	81.608	ng/ul	96
68) Atrazine	16.47	200	3046197	77.864	ng/ul	99
69) Pentachlorophenol	16.65	266	2187991	87.447	ng/ul	98
70) Phenanthrene	17.03	178	13505919	71.132	ng/ul	97
72) Anthracene	17.12	178	13124265	69.113	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	4156274	79.883	ng/uL	99
74) Pentachlorobenzene	14.57	250	3948725	77.196	ng/uL	98
75) Carbazole	17.39	167	12457266	78.888	ng/ul	95
76) Di-n-butylphthalate	17.97	149	13096222	66.730	ng/ul#	92
77) Fluoranthene	19.05	202	14597924	72.193	ng/ul#	88
80) Pyrene	19.42	202	14111102	66.337	ng/ul#	90
81) Butylbenzylphthalate	20.34	149	7674171	90.460	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.12	252	4974342	68.746	ng/ul	99
83) Benzo(a)anthracene	21.17	228	14398116	67.364	ng/ul#	85
84) Bis(2-ethylhexyl)phthalate	21.13	149	10253108	81.673	ng/ul	97
85) Chrysene	21.23	228	13287809	65.194	ng/ul#	85
87) Di-n-octyl phthalate	21.99	149	13734500	90.742	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	15420796	82.652	ng/ul	98
89) Benzo(k)fluoranthene	22.77	252	13943808	76.934	ng/ul	94
91) Benzo(a)pyrene	23.29	252	13351871	76.438	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.55	276	15349370	68.092	ng/ul	96
93) Dibenzo(a,h)anthracene	25.56	278	12903189	69.301	ng/ul	98
94) Benzo(g,h,i)perylene	26.20	276	12770873	67.238	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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