Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042121\
Data File : BN014340.D
Acq On : 20 Apr 2021 12:58
Operator : CG/JU
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08056

Manual Integrations APPROVED
mohammad
4/21/2021 11:26:41 AM

Quant Time: Apr 20 15:15:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 20 15:09:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	186167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	736126	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.33	164	429906	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	873813	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	921240	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	937034	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	144415	30.32	ng/uL	0.00
5) Phenol-d5	6.87	99	1233723	86.21	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	702188	82.01	ng/ul	0.01
9) 2-Chlorophenol-d4	7.23	132	989096	90.71	ng/ul	0.01
13) 4-Methylphenol-d8	8.40	113	923725	86.47	ng/ul	0.02
19) Nitrobenzene-d5	8.85	128	465239	87.76	ng/ul	0.01
22) 2-Nitrophenol-d4	9.56	143	483060	102.40	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.10	165	933439	94.07	ng/ul	0.01
29) 4-Chloroaniline-d4	10.61	131	1123745	94.40	ng/ul	0.01
44) Dimethylphthalate-d6	13.75	166	2415252	85.31	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	3285292	86.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	468568	89.97	ng/ul	0.02
58) Fluorene-d10	15.33	176	2122877	83.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	397157	95.75	ng/ul	0.01
71) Anthracene-d10	17.18	188	3213523	83.16	ng/ul	0.01
78) Pyrene-d10	19.47	212	3601878	85.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	3906821	84.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	147641	30.542	ng/uL	98
4) Benzaldehyde	6.85	77	654124	108.497	ng/ul	98
6) Phenol	6.90	94	1291665	83.750	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	996855	82.259	ng/ul	97
10) 2-Chlorophenol	7.26	128	1031117	86.673	ng/ul	99
11) 2-Methylphenol	8.13	108	950515	86.525	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.22	45	1059927	80.684	ng/ul	98
14) Acetophenone	8.52	105	1524917	82.982	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	750561	86.251	ng/ul	98
16) 4-Methylphenol	8.47	108	1015683	84.770	ng/ul	98
17) Hexachloroethane	8.77	117	429598	81.314	ng/ul	92
20) Nitrobenzene	8.89	77	1130479	83.168	ng/ul	99
21) Isophorone	9.42	82	2031532	91.513	ng/ul	99
23) 2-Nitrophenol	9.59	139	536685	95.473	ng/ul	99
24) 2,4-Dimethylphenol	9.66	107	1084130	87.186	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	1268461	84.668	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	930924	88.730	ng/ul	99
28) Naphthalene	10.52	128	3089534	80.727	ng/ul	99
30) 4-Chloroaniline	10.63	127	1167307	93.289	ng/ul	98
31) Hexachlorobutadiene	10.81	225	591037	81.559	ng/ul	99
32) Caprolactam	11.42	113	270504m	94.213	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	945230	95.458	ng/ul	96
34) 2-Methylnaphthalene	12.14	142	2177391	83.296	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.36	142	2102165	83.286	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	1105711	81.586	ng/ul	98
38) Hexachlorocyclopentadiene	12.50	237	709830	87.121	ng/ul	98
39) 2,4,6-Trichlorophenol	12.76	196	695948	97.218	ng/ul	96
40) 2,4,5-Trichlorophenol	12.83	196	761592	93.107	ng/ul	90
41) 1,1'-Biphenyl	13.16	154	2693051	81.491	ng/ul	98
42) 2-Chloronaphthalene	13.20	162	2081536	80.565	ng/ul	97
43) 2-Nitroaniline	13.41	65	588988	97.781	ng/ul	96
45) Dimethylphthalate	13.79	163	2481255	84.130	ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	532025	97.915	ng/ul	90
48) Acenaphthylene	14.05	152	3089121	82.759	ng/ul	98
49) 3-Nitroaniline	14.24	138	522783	89.771	ng/ul	95
50) Acenaphthene	14.40	153	2200598	81.286	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	278131	99.032	ng/ul	93
53) 4-Nitrophenol	14.56	109	389483	86.450	ng/ul	96
54) Dibenzofuran	14.73	168	3045621	80.012	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	748373	95.845	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.96	232	622381	98.243	ng/ul	95
57) Diethylphthalate	15.17	149	2489448	87.651	ng/ul	96
59) Fluorene	15.39	166	2376115	78.054	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.38	204	1155832	76.213	ng/ul	95
61) 4-Nitroaniline	15.41	138	555401	84.716	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	405668	93.585	ng/ul#	96
65) N-Nitrosodiphenylamine	15.59	169	2110862	84.839	ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	758437	87.314	ng/ul	99
67) Hexachlorobenzene	16.39	284	869549	84.534	ng/ul	98
68) Atrazine	16.55	200	767461	90.604	ng/ul	99
69) Pentachlorophenol	16.73	266	509893	95.609	ng/ul	96
70) Phenanthrene	17.12	178	3802222	80.102	ng/ul	99
72) Anthracene	17.21	178	3896169	81.375	ng/ul	97
73) Pentachlorobenzene	14.66	250	1030816	80.672	ng/uL	100
74) Carbazole	17.48	167	3524162	84.669	ng/ul	99
75) Di-n-butylphthalate	18.05	149	4250187	97.386	ng/ul	100
76) Fluoranthene	19.14	202	4348399	84.142	ng/ul	95
79) Pyrene	19.51	202	4473360	80.621	ng/ul	97
80) Butylbenzylphthalate	20.42	149	1900840	108.974	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.19	252	1280642	88.782	ng/ul	95
82) Benzo(a)anthracene	21.26	228	4393943	79.769	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	2740978	98.319	ng/ul	98
84) Chrysene	21.31	228	4197722	78.601	ng/ul	96
86) Di-n-octyl phthalate	22.07	149	4866995	95.777	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	4601506	81.924	ng/ul	97
88) Benzo(k)fluoranthene	22.88	252	4609791	81.995	ng/ul	97
90) Benzo(a)pyrene	23.41	252	4237917	82.410	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	5572023	82.591	ng/ul	95
92) Dibenzo(a,h)anthracene	25.77	278	4667224	82.152	ng/ul	96
93) Benzo(g,h,i)perylene	26.45	276	4634482	84.075	ng/ul	99

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

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