Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
Data File : BN011171.D
Acq On : 15 Jul 2020 11:04
Operator : CG/JU
Sample : SSTD02055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
mohammad
7/16/2020 11:06:38 AM

Quant Time: Jul 15 11:48:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 11:45:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	168827	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	677655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	449024	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1066709	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1199906	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1182314	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	29764	6.53	ng/uL	0.00
5) Phenol-d5	6.69	99	245985	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	137016	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	207599	18.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	210583	21.30	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	101220	17.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	109499	18.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	215778	19.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	271320	23.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	686870	19.65	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	839870	19.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	121832	22.41	ng/ul	0.00
58) Fluorene-d10	15.12	176	605230	19.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	118343	18.50	ng/ul	0.00
71) Anthracene-d10	16.97	188	968410	18.42	ng/ul	0.00
79) Pyrene-d10	19.28	212	1093256	16.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1220832	19.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	35326	7.344	ng/uL	100
4) Benzaldehyde	6.65	77	167324	24.605	ng/ul	100
6) Phenol	6.71	94	267967	19.860	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.93	93	202472	18.917	ng/ul	100
10) 2-Chlorophenol	7.06	128	226652	19.174	ng/ul	100
11) 2-Methylphenol	7.93	108	211755	21.066	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.02	45	154469	21.954	ng/ul	100
14) Acetophenone	8.30	105	350484	20.821	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.29	70	170658	22.468	ng/ul	100
16) 4-Methylphenol	8.26	108	218162	20.534	ng/ul	100
17) Hexachloroethane	8.55	117	95035	16.713	ng/ul	100
20) Nitrobenzene	8.67	77	264945	17.901	ng/ul	100
21) Isophorone	9.19	82	445548	19.109	ng/ul	100
23) 2-Nitrophenol	9.37	139	123701	18.891	ng/ul	100
24) 2,4-Dimethylphenol	9.45	107	261902	18.995	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.68	93	280359	18.988	ng/ul	100
27) 2,4-Dichlorophenol	9.90	162	220199	18.896	ng/ul	100
28) Naphthalene	10.29	128	728011	18.418	ng/ul	100
30) 4-Chloroaniline	10.40	127	283324	23.877	ng/ul	100
31) Hexachlorobutadiene	10.58	225	152711	16.859	ng/ul	100
32) Caprolactam	11.19	113	58980m	22.489	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	235942	20.886	ng/ul	100
34) 2-Methylnaphthalene	11.91	142	536192	19.653	ng/ul	100

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35) 1-Methylnaphthalene	12.13	142	497983	19.817	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	279028	16.486	ng/ul	100
38) Hexachlorocyclopentadiene	12.27	237	176561	15.731	ng/ul	100
39) 2,4,6-Trichlorophenol	12.54	196	178448	18.345	ng/ul	100
40) 2,4,5-Trichlorophenol	12.61	196	198246	19.335	ng/ul	100
41) 1,1'-Biphenyl	12.95	154	687808	17.463	ng/ul	100
42) 2-Chloronaphthalene	12.98	162	559957	17.909	ng/ul	100
43) 2-Nitroaniline	13.19	65	143023	20.009	ng/ul	100
45) Dimethylphthalate	13.59	163	731805	19.912	ng/ul	100
46) 2,6-Dinitrotoluene	13.71	165	147287	20.633	ng/ul	100
48) Acenaphthylene	13.83	152	855246	18.908	ng/ul	100
49) 3-Nitroaniline	14.03	138	136914	21.502	ng/ul	100
50) Acenaphthene	14.19	153	585827	18.283	ng/ul	100
51) 2,4-Dinitrophenol	14.25	184	72004	18.565	ng/ul	100
53) 4-Nitrophenol	14.36	109	120890	22.942	ng/ul	100
54) Dibenzofuran	14.53	168	838437	18.602	ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	207464	20.961	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.76	232	167327	20.153	ng/ul	100
57) Diethylphthalate	14.97	149	704836	19.578	ng/ul	100
59) Fluorene	15.18	166	704237	19.053	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.18	204	354659	18.696	ng/ul	100
61) 4-Nitroaniline	15.20	138	156306	23.001	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.27	198	121117	18.090	ng/ul	100
65) N-Nitrosodiphenylamine	15.40	169	589153	16.886	ng/ul	100
66) 4-Bromophenyl-phenylether	16.08	248	212645	17.276	ng/ul	100
67) Hexachlorobenzene	16.19	284	230827	16.583	ng/ul	100
68) Atrazine	16.36	200	218215	19.107	ng/ul	100
69) Pentachlorophenol	16.53	266	136618	18.652	ng/ul	100
70) Phenanthrene	16.92	178	1213290	18.710	ng/ul	100
72) Anthracene	17.01	178	1245998	19.010	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	279007	14.790	ng/uL	100
74) Pentachlorobenzene	14.45	250	271986	15.988	ng/uL	100
75) Carbazole	17.28	167	1108785	21.089	ng/ul	100
76) Di-n-butylphthalate	17.87	149	1192078	19.198	ng/ul	100
77) Fluoranthene	18.95	202	1395660	20.079	ng/ul	100
80) Pyrene	19.31	202	1479316	16.790	ng/ul	100
81) Butylbenzylphthalate	20.25	149	564338	19.017	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.02	252	469784	20.018	ng/ul	100
83) Benzo(a)anthracene	21.07	228	1595804	19.287	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	921095	20.367	ng/ul	100
85) Chrysene	21.13	228	1521885	18.785	ng/ul	100
87) Di-n-octyl phthalate	21.90	149	1549824	21.030	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1541973	18.924	ng/ul	100
89) Benzo(k)fluoranthene	22.64	252	1615794	20.740	ng/ul	100
91) Benzo(a)pyrene	23.13	252	1398681	19.682	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.32	276	1589247	17.645	ng/ul	100
93) Dibenzo(a,h)anthracene	25.32	278	1335918	17.949	ng/ul	100
94) Benzo(g,h,i)perylene	25.94	276	1305896	17.703	ng/ul	100

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

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