Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
Data File : BN011170.D
Acq On : 15 Jul 2020 10:27
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD01054

Manual Integrations APPROVED
mohammad
7/16/2020 11:06:35 AM

Quant Time: Jul 15 11:50:45 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	142054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	592059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	390696	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	955894	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1077197	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1117431	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	15507	4.05	ng/uL	0.00
5) Phenol-d5	6.69	99	109629	10.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	64385	10.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	91420	9.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	91599	11.01	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	49713	10.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	47071	9.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	93892	9.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	125642	12.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	304564	10.01	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	354869	9.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	50606	10.70	ng/ul	0.00
58) Fluorene-d10	15.12	176	271843	10.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	47239	8.24	ng/ul	0.00
71) Anthracene-d10	16.97	188	434251	9.22	ng/ul	0.00
79) Pyrene-d10	19.28	212	521331	8.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	596944	10.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	16178	3.997	ng/uL#	95
4) Benzaldehyde	6.66	77	75137	13.131	ng/ul	96
6) Phenol	6.72	94	125726	11.074	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.93	93	96771	10.745	ng/ul	97
10) 2-Chlorophenol	7.06	128	103906	10.447	ng/ul	94
11) 2-Methylphenol	7.94	108	89119	10.537	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.02	45	64397	10.877	ng/ul	99
14) Acetophenone	8.30	105	171974	12.142	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.29	70	83677	13.093	ng/ul	96
16) 4-Methylphenol	8.26	108	109191	12.214	ng/ul	98
17) Hexachloroethane	8.55	117	48365	10.109	ng/ul	97
20) Nitrobenzene	8.67	77	134410	10.395	ng/ul	98
21) Isophorone	9.19	82	202359	9.934	ng/ul	97
23) 2-Nitrophenol	9.38	139	53427	9.339	ng/ul	97
24) 2,4-Dimethylphenol	9.45	107	116945	9.708	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.67	93	126848	9.833	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	101173	9.937	ng/ul	96
28) Naphthalene	10.29	128	350788	10.158	ng/ul	99
30) 4-Chloroaniline	10.41	127	131259	12.661	ng/ul	97
31) Hexachlorobutadiene	10.58	225	73496	9.287	ng/ul	95
32) Caprolactam	11.19	113	24710m	10.784	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	105676	10.707	ng/ul	98
34) 2-Methylnaphthalene	11.91	142	244905	10.274	ng/ul	94

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35) 1-Methylnaphthalene	12.13	142	231368	10.538	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	133146	9.041	ng/ul	98
38) Hexachlorocyclopentadiene	12.27	237	77934	7.980	ng/ul	89
39) 2,4,6-Trichlorophenol	12.54	196	78005	9.216	ng/ul	98
40) 2,4,5-Trichlorophenol	12.61	196	84859	9.512	ng/ul	88
41) 1,1'-Biphenyl	12.95	154	329977	9.629	ng/ul	98
42) 2-Chloronaphthalene	12.98	162	262218	9.639	ng/ul	98
43) 2-Nitroaniline	13.20	65	59051	9.495	ng/ul	89
45) Dimethylphthalate	13.59	163	325850	10.190	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	60261	9.702	ng/ul	97
48) Acenaphthylene	13.84	152	385262	9.789	ng/ul	98
49) 3-Nitroaniline	14.03	138	57116	10.309	ng/ul	99
50) Acenaphthene	14.19	153	275349	9.876	ng/ul	96
51) 2,4-Dinitrophenol	14.25	184	25520	7.562	ng/ul	93
53) 4-Nitrophenol	14.36	109	52538	11.459	ng/ul	90
54) Dibenzofuran	14.52	168	402784	10.270	ng/ul	98
55) 2,4-Dinitrotoluene	14.50	165	91573	10.633	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.76	232	75881	10.503	ng/ul	97
57) Diethylphthalate	14.97	149	317002	10.120	ng/ul	98
59) Fluorene	15.18	166	338173	10.515	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.18	204	168879	10.232	ng/ul	99
61) 4-Nitroaniline	15.20	138	66222	11.199	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.27	198	50847	8.475	ng/ul#	97
65) N-Nitrosodiphenylamine	15.40	169	281356	8.999	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	101087	9.165	ng/ul	93
67) Hexachlorobenzene	16.19	284	114433	9.174	ng/ul	95
68) Atrazine	16.36	200	100773	9.846	ng/ul	93
69) Pentachlorophenol	16.53	266	60253	9.180	ng/ul#	85
70) Phenanthrene	16.92	178	553858	9.531	ng/ul	99
72) Anthracene	17.00	178	540860	9.209	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	133575	7.902	ng/uL	98
74) Pentachlorobenzene	14.45	250	126943	8.327	ng/uL	98
75) Carbazole	17.28	167	492962	10.463	ng/ul	99
76) Di-n-butylphthalate	17.87	149	518942	9.326	ng/ul	99
77) Fluoranthene	18.95	202	644624	10.349	ng/ul	99
80) Pyrene	19.31	202	710782	8.986	ng/ul	96
81) Butylbenzylphthalate	20.25	149	239849	9.003	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	207323	9.840	ng/ul	94
83) Benzo(a)anthracene	21.07	228	757587	10.199	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	382039	9.410	ng/ul	98
85) Chrysene	21.13	228	737092	10.134	ng/ul	97
87) Di-n-octyl phthalate	21.90	149	662052	9.505	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	753655	9.786	ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	746520	10.138	ng/ul	99
91) Benzo(a)pyrene	23.13	252	661106	9.843	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	745358	8.756	ng/ul	97
93) Dibenzo(a,h)anthracene	25.32	278	624122	8.873	ng/ul	97
94) Benzo(g,h,i)perylene	25.94	276	617182	8.852	ng/ul	97

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

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