Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031420\
Data File : BN010218.D
Acq On : 14 Mar 2020 12:26
Operator : CG/JU
Sample : SSTD04052
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD04052

Manual Integrations APPROVED
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3/16/2020 1:54:24 PM

Quant Time: Mar 16 05:24:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:58:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	350407	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1400055	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	895004	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1974332	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1860854	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	2072230	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	126457	14.84	ng/uL	0.00
5) Phenol-d5	6.81	99	1088518	36.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	640099	31.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	893345	39.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	872609	36.80	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	395514	38.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	339806	30.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	897217	41.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	1139745	47.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	2728536	40.82	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	3406493	43.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	424227	34.75	ng/ul	0.00
58) Fluorene-d10	15.25	176	2438755	42.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	289755	23.63	ng/ul	0.00
71) Anthracene-d10	17.10	188	3755760	41.50	ng/ul	0.00
79) Pyrene-d10	19.40	212	4170421	42.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	4429489	42.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	135529	13.847	ng/uL	96
4) Benzaldehyde	6.78	77	760888	38.389	ng/ul	97
6) Phenol	6.84	94	1145674	35.870	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.07	93	914871	36.444	ng/ul	97
10) 2-Chlorophenol	7.20	128	926147	39.184	ng/ul	97
11) 2-Methylphenol	8.07	108	875340	37.452	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1063170	17.276	ng/ul	98
14) Acetophenone	8.44	105	1388718	35.946	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.44	70	725605	35.945	ng/ul	97
16) 4-Methylphenol	8.40	108	940273	36.664	ng/ul	96
17) Hexachloroethane	8.70	117	405405	37.702	ng/ul	94
20) Nitrobenzene	8.81	77	1034731	34.283	ng/ul	99
21) Isophorone	9.34	82	2032123	38.256	ng/ul	100
23) 2-Nitrophenol	9.52	139	414882	33.090	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	1039715	38.192	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	1198817	36.928	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	895622	41.210	ng/ul	99
28) Naphthalene	10.45	128	3025059	40.068	ng/ul	98
30) 4-Chloroaniline	10.55	127	1147091	46.283	ng/ul	98
31) Hexachlorobutadiene	10.75	225	646966	44.513	ng/ul	99
32) Caprolactam	11.29	113	284462m	39.029	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	927023	37.303	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	2178744	41.560	ng/ul	94

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35) 1-Methylnaphthalene	12.28	142	2129927	40.533	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	1216064	45.840	ng/ul	97
38) Hexachlorocyclopentadiene	12.43	237	814015	70.920	ng/ul	96
39) 2,4,6-Trichlorophenol	12.68	196	675247	40.105	ng/ul	97
40) 2,4,5-Trichlorophenol	12.75	196	738211	40.869	ng/ul	98
41) 1,1'-Biphenyl	13.09	154	2841986	41.343	ng/ul	98
42) 2-Chloronaphthalene	13.12	162	2270041	41.582	ng/ul	99
43) 2-Nitroaniline	13.32	65	517646	25.929	ng/ul	90
45) Dimethylphthalate	13.73	163	2849005	40.842	ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	532526	38.996	ng/ul	94
48) Acenaphthylene	13.97	152	3587228	42.094	ng/ul	97
49) 3-Nitroaniline	14.15	138	498659	39.552	ng/ul	98
50) Acenaphthene	14.32	153	2400256	41.086	ng/ul	100
51) 2,4-Dinitrophenol	14.36	184	167145	21.320	ng/ul	97
53) 4-Nitrophenol	14.47	109	356615	32.370	ng/ul	98
54) Dibenzofuran	14.66	168	3370616	41.106	ng/ul	99
55) 2,4-Dinitrotoluene	14.62	165	758360	37.470	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.89	232	571908	36.826	ng/ul	95
57) Diethylphthalate	15.10	149	2822143	39.400	ng/ul	99
59) Fluorene	15.31	166	2829121	41.112	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.32	204	1438401	42.382	ng/ul	99
61) 4-Nitroaniline	15.32	138	591861	38.497	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.39	198	348606	26.385	ng/ul#	99
65) N-Nitrosodiphenylamine	15.52	169	2370692	40.470	ng/ul	98
66) 4-Bromophenyl-phenylether	16.20	248	864548	43.762	ng/ul	93
67) Hexachlorobenzene	16.32	284	974132	44.562	ng/ul	98
68) Atrazine	16.49	200	947964	42.659	ng/ul	100
69) Pentachlorophenol	16.65	266	454325	35.963	ng/ul	98
70) Phenanthrene	17.05	178	4435144	39.362	ng/ul	99
72) Anthracene	17.13	178	4530355	39.331	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	1288306	44.664	ng/uL	95
74) Pentachlorobenzene	14.58	250	1241708	44.639	ng/uL	93
75) Carbazole	17.40	167	3953580	38.976	ng/ul	98
76) Di-n-butylphthalate	18.00	149	4882392	38.997	ng/ul	99
77) Fluoranthene	19.06	202	5429185	41.135	ng/ul	99
80) Pyrene	19.43	202	5501575	41.008	ng/ul	96
81) Butylbenzylphthalate	20.36	149	2024168	36.702	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.12	252	1889131	46.562	ng/ul	97
83) Benzo(a)anthracene	21.18	228	5381249	42.081	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	3170254	37.651	ng/ul	99
85) Chrysene	21.23	228	5236251	41.592	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	5279770	33.663	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	5541527	41.245	ng/ul	97
89) Benzo(k)fluoranthene	22.77	252	5037362	39.596	ng/ul	98
91) Benzo(a)pyrene	23.29	252	5071540	41.969	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.54	276	6270763	43.708	ng/ul	99
93) Dibenzo(a,h)anthracene	25.56	278	5135584	41.844	ng/ul	98
94) Benzo(g,h,i)perylene	26.19	276	5117916	42.544	ng/ul	98

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

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