Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010141.D
Acq On : 07 Mar 2020 04:21
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02087

Manual Integrations APPROVED
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3/9/2020 3:07:24 PM

Quant Time: Mar 07 05:38:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 07 02:56:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	96461	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	407439	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	273807	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	595542	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	543524	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	573117	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	18351	7.82	ng/uL	0.00
5) Phenol-d5	6.56	99	164754	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.71	67	111152	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.89	132	127008	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.07	113	128958	19.76	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	62339	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	69816	21.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.74	165	133370	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.25	131	159684	22.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.42	166	399462	19.53	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	468940	19.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.25	143	60849	16.29	ng/ul	0.00
58) Fluorene-d10	15.00	176	346505	19.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	64527	17.44	ng/ul	0.00
71) Anthracene-d10	16.86	188	529382	19.39	ng/ul	0.00
79) Pyrene-d10	19.17	212	580974	20.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	569458	19.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	18880	7.007	ng/uL	95
4) Benzaldehyde	6.52	77	108253	19.840	ng/ul	98
6) Phenol	6.59	94	172085	19.572	ng/ul	92
8) Bis(2-Chloroethyl)ether	6.80	93	133592	19.332	ng/ul	98
10) 2-Chlorophenol	6.92	128	134009	20.596	ng/ul	96
11) 2-Methylphenol	7.81	108	128572	19.983	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.88	45	358236m	21.146	ng/ul	
14) Acetophenone	8.17	105	214878	20.205	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.16	70	122210	21.992	ng/ul	96
16) 4-Methylphenol	8.13	108	142913	20.243	ng/ul	99
17) Hexachloroethane	8.39	117	60722	20.513	ng/ul	97
20) Nitrobenzene	8.54	77	178941	20.373	ng/ul	98
21) Isophorone	9.06	82	319711	20.682	ng/ul	99
23) 2-Nitrophenol	9.24	139	79258	21.722	ng/ul	99
24) 2,4-Dimethylphenol	9.31	107	169144	21.350	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.54	93	184628	19.543	ng/ul	97
27) 2,4-Dichlorophenol	9.76	162	137933	21.808	ng/ul	96
28) Naphthalene	10.15	128	434344	19.769	ng/ul	100
30) 4-Chloroaniline	10.28	127	173476	24.052	ng/ul	98
31) Hexachlorobutadiene	10.43	225	83867	19.828	ng/ul	91
32) Caprolactam	11.07	113	40236m	18.970	ng/ul	
33) 4-Chloro-3-methylphenol	11.42	107	157409	21.765	ng/ul	98
34) 2-Methylnaphthalene	11.77	142	321052	21.044	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.99	142	310353	20.295	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	167758	20.670	ng/ul	97
38) Hexachlorocyclopentadiene	12.12	237	72597	20.674	ng/ul	98
39) 2,4,6-Trichlorophenol	12.42	196	106397	20.656	ng/ul	98
40) 2,4,5-Trichlorophenol	12.49	196	112380	20.337	ng/ul	95
41) 1,1'-Biphenyl	12.82	154	419126	19.930	ng/ul	98
42) 2-Chloronaphthalene	12.85	162	327574	19.614	ng/ul	99
43) 2-Nitroaniline	13.09	65	128942	21.112	ng/ul	97
45) Dimethylphthalate	13.47	163	413771	19.389	ng/ul	98
46) 2,6-Dinitrotoluene	13.60	165	85753	20.526	ng/ul	98
48) Acenaphthylene	13.71	152	504944	19.368	ng/ul	100
49) 3-Nitroaniline	13.93	138	79766	20.681	ng/ul	86
50) Acenaphthene	14.06	153	348680	19.510	ng/ul	99
51) 2,4-Dinitrophenol	14.17	184	59416	24.773	ng/ul	96
53) 4-Nitrophenol	14.27	109	59441	17.636	ng/ul	90
54) Dibenzofuran	14.40	168	513870	20.485	ng/ul	92
55) 2,4-Dinitrotoluene	14.41	165	126789	20.477	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.65	232	98953	20.827	ng/ul	97
57) Diethylphthalate	14.86	149	427822	19.524	ng/ul	98
59) Fluorene	15.06	166	413153	19.625	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.06	204	208190	20.051	ng/ul	97
61) 4-Nitroaniline	15.11	138	83934m	17.845	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	69025	17.320	ng/ul#	96
65) N-Nitrosodiphenylamine	15.28	169	358923	20.313	ng/ul	99
66) 4-Bromophenyl-phenylether	15.96	248	119192	20.002	ng/ul	96
67) Hexachlorobenzene	16.07	284	127009	19.261	ng/ul	94
68) Atrazine	16.25	200	122770	18.315	ng/ul	95
69) Pentachlorophenol	16.43	266	62787	16.477	ng/ul	98
70) Phenanthrene	16.80	178	641672	18.880	ng/ul	99
72) Anthracene	16.89	178	672263	19.349	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.77	216	164978	18.961	ng/uL	97
74) Pentachlorobenzene	14.33	250	160800	19.164	ng/uL	96
75) Carbazole	17.17	167	581218	18.996	ng/ul	99
76) Di-n-butylphthalate	17.75	149	710049	18.802	ng/ul	99
77) Fluoranthene	18.83	202	746805	18.758	ng/ul	97
80) Pyrene	19.20	202	770660	19.667	ng/ul	95
81) Butylbenzylphthalate	20.13	149	331625	20.586	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.92	252	215018	18.144	ng/ul	96
83) Benzo(a)anthracene	20.97	228	763461	20.440	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.93	149	494474	20.106	ng/ul	97
85) Chrysene	21.02	228	709970	19.307	ng/ul	99
87) Di-n-octyl phthalate	21.77	149	825585	19.033	ng/ul	100
88) Benzo(b)fluoranthene	22.46	252	750657	20.201	ng/ul	97
89) Benzo(k)fluoranthene	22.50	252	698141	19.842	ng/ul	97
91) Benzo(a)pyrene	22.99	252	713050	21.336	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	798446	20.122	ng/ul	95
93) Dibenzo(a,h)anthracene	25.11	278	672375	19.808	ng/ul#	94
94) Benzo(g,h,i)perylene	25.72	276	657671	19.767	ng/ul	96

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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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