Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009921.D
Acq On : 26 Feb 2020 10:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02063

Manual Integrations APPROVED
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Quant Time: Feb 26 13:35:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 14:00:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	135142	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	545187	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	331530	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	718550	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	764348	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	772893	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	26461	8.05	ng/uL	-0.01
5) Phenol-d5	6.58	99	230311	20.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	168872	21.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	183456	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	186558	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	88530	22.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	98617	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	184038	21.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	209719	22.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	520908	21.04	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	643891	22.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	89754	19.85	ng/ul	0.00
58) Fluorene-d10	15.03	176	450857	21.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	84960	19.03	ng/ul	0.00
71) Anthracene-d10	16.88	188	699087	21.22	ng/ul	0.00
79) Pyrene-d10	19.19	212	759808	19.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	832828	21.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	30393	8.052	ng/uL	93
4) Benzaldehyde	6.55	77	170766	22.339	ng/ul	92
6) Phenol	6.61	94	249698	20.271	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.83	93	200428	20.702	ng/ul	96
10) 2-Chlorophenol	6.95	128	189872	20.829	ng/ul	93
11) 2-Methylphenol	7.83	108	182004	20.191	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.92	45	541128	22.800	ng/ul	99
14) Acetophenone	8.20	105	301577	20.241	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.19	70	164025	21.068	ng/ul	92
16) 4-Methylphenol	8.16	108	194013	19.616	ng/ul	93
17) Hexachloroethane	8.42	117	91415	22.043	ng/ul	95
20) Nitrobenzene	8.56	77	259178	22.052	ng/ul	98
21) Isophorone	9.09	82	436354	21.096	ng/ul	98
23) 2-Nitrophenol	9.27	139	105840	21.678	ng/ul	96
24) 2,4-Dimethylphenol	9.34	107	234107	22.084	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.57	93	264812	20.948	ng/ul	98
27) 2,4-Dichlorophenol	9.79	162	183086	21.634	ng/ul	96
28) Naphthalene	10.18	128	636471	21.649	ng/ul	99
30) 4-Chloroaniline	10.30	127	215694	22.349	ng/ul	98
31) Hexachlorobutadiene	10.46	225	122118	21.577	ng/ul	92
32) Caprolactam	11.08	113	56787m	20.008	ng/ul	
33) 4-Chloro-3-methylphenol	11.44	107	208978	21.595	ng/ul	97
34) 2-Methylnaphthalene	11.80	142	429861	21.057	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	428871	20.959	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.18	216	215792	21.959	ng/ul	98
38) Hexachlorocyclopentadiene	12.16	237	79366	18.667	ng/ul	98
39) 2,4,6-Trichlorophenol	12.44	196	138968	22.282	ng/ul	97
40) 2,4,5-Trichlorophenol	12.52	196	140927	21.063	ng/ul	97
41) 1,1'-Biphenyl	12.84	154	556780	21.866	ng/ul	99
42) 2-Chloronaphthalene	12.88	162	443362	21.924	ng/ul	100
43) 2-Nitroaniline	13.10	65	164867	22.294	ng/ul	99
45) Dimethylphthalate	13.50	163	554542	21.461	ng/ul	100
46) 2,6-Dinitrotoluene	13.62	165	113357	22.409	ng/ul	98
48) Acenaphthylene	13.74	152	698484	22.127	ng/ul	99
49) 3-Nitroaniline	13.95	138	100665	21.555	ng/ul	100
50) Acenaphthene	14.09	153	470119	21.725	ng/ul	99
51) 2,4-Dinitrophenol	14.18	184	48713	16.774	ng/ul	95
53) 4-Nitrophenol	14.28	109	84554	20.719	ng/ul	95
54) Dibenzofuran	14.43	168	655458	21.580	ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	164350	21.922	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.67	232	123277	21.429	ng/ul	98
57) Diethylphthalate	14.88	149	561444	21.160	ng/ul	99
59) Fluorene	15.08	166	545598	21.404	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.09	204	266803	21.223	ng/ul	98
61) 4-Nitroaniline	15.13	138	102638	18.022	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.20	198	92406	19.217	ng/ul	96
65) N-Nitrosodiphenylamine	15.30	169	448795	21.051	ng/ul	95
66) 4-Bromophenyl-phenylether	15.98	248	151677	21.096	ng/ul	97
67) Hexachlorobenzene	16.09	284	163246	20.519	ng/ul	96
68) Atrazine	16.27	200	171451	21.199	ng/ul	94
69) Pentachlorophenol	16.45	266	86460	18.805	ng/ul	92
70) Phenanthrene	16.82	178	872708	21.282	ng/ul	99
72) Anthracene	16.92	178	887656	21.174	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	232841	22.180	ng/uL	92
74) Pentachlorobenzene	14.35	250	211422	20.884	ng/uL	98
75) Carbazole	17.20	167	759295	20.568	ng/ul	98
76) Di-n-butylphthalate	17.77	149	976784	21.437	ng/ul	99
77) Fluoranthene	18.85	202	1022483	21.286	ng/ul	99
80) Pyrene	19.22	202	1055545	19.155	ng/ul	97
81) Butylbenzylphthalate	20.15	149	461727	20.382	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.93	252	314983	18.901	ng/ul	94
83) Benzo(a)anthracene	20.99	228	1048848	19.968	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.95	149	687606	19.881	ng/ul	98
85) Chrysene	21.04	228	1001580	19.369	ng/ul	99
87) Di-n-octyl phthalate	21.79	149	1171485	20.026	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	988474	19.726	ng/ul	94
89) Benzo(k)fluoranthene	22.53	252	1041651	21.953	ng/ul	100
91) Benzo(a)pyrene	23.02	252	950895	21.098	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.14	276	1147307	21.441	ng/ul	98
93) Dibenzo(a,h)anthracene	25.14	278	979506	21.398	ng/ul	99
94) Benzo(g,h,i)perylene	25.75	276	948548	21.141	ng/ul	100

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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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