Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\
Data File : BN013548.D
Acq On : 29 Jan 2021 20:39
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02059

Quant Time: Jan 29 21:16:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:31:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	342960	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1423789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	870618	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1741406	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1745987	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1730264	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	59802	7.49	ng/uL	0.00
5) Phenol-d5	6.74	99	494098	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	288111	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	419678	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	393495	19.40	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	193926	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	204525	20.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	402364	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	543604	22.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	1140733	19.56	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	1561154	20.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	221550	19.58	ng/ul	0.00
58) Fluorene-d10	15.19	176	1014486	19.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	172765	18.55	ng/ul	0.00
71) Anthracene-d10	17.04	188	1545435	20.47	ng/ul	0.00
79) Pyrene-d10	19.35	212	1648640	19.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1704088	20.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	60277	7.464	ng/uL	98
4) Benzaldehyde	6.71	77	304547	23.513	ng/ul	98
6) Phenol	6.76	94	531418	19.654	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.99	93	415125	19.667	ng/ul	99
10) 2-Chlorophenol	7.13	128	445660	19.757	ng/ul	98
11) 2-Methylphenol	7.99	108	392506	19.506	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.08	45	592599	19.541	ng/ul	99
14) Acetophenone	8.37	105	654441	20.406	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.36	70	299266	20.142	ng/ul	99
16) 4-Methylphenol	8.32	108	444176	20.154	ng/ul	95
17) Hexachloroethane	8.62	117	172425	19.438	ng/ul	98
20) Nitrobenzene	8.74	77	450159	20.021	ng/ul	98
21) Isophorone	9.26	82	802558	20.344	ng/ul	98
23) 2-Nitrophenol	9.45	139	236925	20.687	ng/ul	100
24) 2,4-Dimethylphenol	9.51	107	479581	20.428	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	547824	19.713	ng/ul	98
27) 2,4-Dichlorophenol	9.97	162	408052	20.229	ng/ul	99
28) Naphthalene	10.37	128	1450730	19.860	ng/ul	99
30) 4-Chloroaniline	10.48	127	565997	23.356	ng/ul	99
31) Hexachlorobutadiene	10.66	225	248125	20.034	ng/ul	95
32) Caprolactam	11.23	113	111818	18.563	ng/ul	99
33) 4-Chloro-3-methylphenol	11.61	107	424706	20.647	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	1025997	20.103	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.21	142	997572	20.240	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	477362	19.509	ng/ul	98
38) Hexachlorocyclopentadiene	12.35	237	276574	18.457	ng/ul	98
39) 2,4,6-Trichlorophenol	12.61	196	305445	20.602	ng/ul	96
40) 2,4,5-Trichlorophenol	12.67	196	336274	20.171	ng/ul	97
41) 1,1'-Biphenyl	13.02	154	1305987	19.823	ng/ul	98
42) 2-Chloronaphthalene	13.06	162	1002546	19.658	ng/ul	98
43) 2-Nitroaniline	13.26	65	245792	20.449	ng/ul	98
45) Dimethylphthalate	13.66	163	1210013	19.960	ng/ul	99
46) 2,6-Dinitrotoluene	13.77	165	232976	20.211	ng/ul	98
48) Acenaphthylene	13.91	152	1500805	20.003	ng/ul	100
49) 3-Nitroaniline	14.10	138	249692	21.510	ng/ul	97
50) Acenaphthene	14.26	153	1072558	19.757	ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	111003	16.921	ng/ul	98
53) 4-Nitrophenol	14.41	109	163633	19.699	ng/ul	97
54) Dibenzofuran	14.59	168	1502156	19.919	ng/ul	99
55) 2,4-Dinitrotoluene	14.56	165	346521	20.440	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.82	232	270421	20.651	ng/ul#	91
57) Diethylphthalate	15.03	149	1207370	20.260	ng/ul	99
59) Fluorene	15.25	166	1217332	20.158	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.25	204	577850	20.098	ng/ul	98
61) 4-Nitroaniline	15.27	138	270636	20.779	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.33	198	186437	19.363	ng/ul	96
65) N-Nitrosodiphenylamine	15.46	169	1038204	20.646	ng/ul	95
66) 4-Bromophenyl-phenylether	16.15	248	345634	20.630	ng/ul	98
67) Hexachlorobenzene	16.25	284	394007	20.518	ng/ul	97
68) Atrazine	16.42	200	343614	20.200	ng/ul	99
69) Pentachlorophenol	16.59	266	204935	18.856	ng/ul	89
70) Phenanthrene	16.99	178	1893085	20.254	ng/ul	98
72) Anthracene	17.07	178	1958533	20.708	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.98	216	490694	20.274	ng/uL	98
74) Pentachlorobenzene	14.52	250	463798	19.748	ng/uL	96
75) Carbazole	17.35	167	1725418	20.948	ng/ul	99
76) Di-n-butylphthalate	17.93	149	1933824	20.924	ng/ul	100
77) Fluoranthene	19.01	202	2060947	20.781	ng/ul	99
80) Pyrene	19.37	202	2241088	20.388	ng/ul	98
81) Butylbenzylphthalate	20.30	149	780765	19.996	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	644726	20.684	ng/ul	99
83) Benzo(a)anthracene	21.13	228	2022084	19.275	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	1283418	21.013	ng/ul	99
85) Chrysene	21.18	228	2050559	19.726	ng/ul	96
87) Di-n-octyl phthalate	21.94	149	2088017	20.596	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	2093784	20.041	ng/ul	98
89) Benzo(k)fluoranthene	22.71	252	2075530	20.433	ng/ul	97
91) Benzo(a)pyrene	23.22	252	1889118	20.606	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.46	276	2339788	19.907	ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	1971654	19.919	ng/ul	98
94) Benzo(g,h,i)perylene	26.13	276	1958214	19.798	ng/ul	96

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

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