Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013828.D
Acq On : 04 Mar 2021 12:17
Operator : CG/JU
Sample : SSTD04054
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04054

Manual Integrations APPROVED
mohammad
3/5/2021 2:44:49 PM

Quant Time: Mar 04 13:36:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 12:54:17 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	161223	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	646318	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	371919	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	751913	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	797443	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	799373	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	64411	17.16	ng/uL	0.00
5) Phenol-d5	6.89	99	516965	43.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	314513	45.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	402813	40.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	389894	40.90	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	182441	41.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	180504	39.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	371642	41.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	492694	45.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1006223	40.39	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1366713	41.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	192255	39.78	ng/ul	0.00
58) Fluorene-d10	15.36	176	877581	40.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	138792	34.51	ng/ul	0.00
71) Anthracene-d10	17.20	188	1333430	40.90	ng/ul	0.00
79) Pyrene-d10	19.49	212	1480603	39.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	1615242	41.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	66704	17.571	ng/uL	98
4) Benzaldehyde	6.87	77	308677	50.697	ng/ul	97
6) Phenol	6.92	94	547889	43.105	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	431310	43.467	ng/ul	98
10) 2-Chlorophenol	7.29	128	428104	40.373	ng/ul	99
11) 2-Methylphenol	8.16	108	398718	42.152	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	648659	45.501	ng/ul	98
14) Acetophenone	8.54	105	642838	42.639	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.53	70	323919	46.376	ng/ul	99
16) 4-Methylphenol	8.49	108	431032	41.604	ng/ul	99
17) Hexachloroethane	8.80	117	180305	43.239	ng/ul	97
20) Nitrobenzene	8.92	77	480985	47.125	ng/ul	99
21) Isophorone	9.44	82	856873	47.848	ng/ul	99
23) 2-Nitrophenol	9.62	139	209228	40.245	ng/ul	98
24) 2,4-Dimethylphenol	9.69	107	463621	43.503	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.93	93	544151	43.136	ng/ul	100
27) 2,4-Dichlorophenol	10.15	162	373305	40.768	ng/ul	96
28) Naphthalene	10.56	128	1314170	39.631	ng/ul	100
30) 4-Chloroaniline	10.66	127	505054	45.912	ng/ul	98
31) Hexachlorobutadiene	10.85	225	231875	41.243	ng/ul	98
32) Caprolactam	11.42	113	112893m	41.285	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	391824	41.963	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	910101	39.283	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	867696	38.782 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	442007	42.286 ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	266358	41.609 ng/ul	98
39) 2,4,6-Trichlorophenol	12.78	196	273952	43.255 ng/ul	98
40) 2,4,5-Trichlorophenol	12.85	196	299537	42.059 ng/ul	97
41) 1,1'-Biphenyl	13.19	154	1101599	39.141 ng/ul	100
42) 2-Chloronaphthalene	13.23	162	860820	39.512 ng/ul	98
43) 2-Nitroaniline	13.43	65	251866	49.051 ng/ul	98
45) Dimethylphthalate	13.82	163	1038080	40.086 ng/ul	100
46) 2,6-Dinitrotoluene	13.94	165	205532	41.737 ng/ul	94
48) Acenaphthylene	14.08	152	1294706	40.395 ng/ul	99
49) 3-Nitroaniline	14.26	138	223038	44.977 ng/ul	100
50) Acenaphthene	14.42	153	922370	39.773 ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	97990	34.966 ng/ul	97
53) 4-Nitrophenol	14.57	109	152965	43.108 ng/ul	94
54) Dibenzofuran	14.76	168	1253470	38.908 ng/ul	99
55) 2,4-Dinitrotoluene	14.72	165	289673	39.999 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.99	232	236588	42.294 ng/ul	98
57) Diethylphthalate	15.19	149	1036690	40.721 ng/ul	100
59) Fluorene	15.41	166	1047859	40.618 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.41	204	497260	40.486 ng/ul	95
61) 4-Nitroaniline	15.43	138	236606	42.525 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.49	198	149156	35.877 ng/ul	95
65) N-Nitrosodiphenylamine	15.62	169	891501	41.058 ng/ul	98
66) 4-Bromophenyl-phenylether	16.30	248	290489	40.155 ng/ul	97
67) Hexachlorobenzene	16.41	284	340586	41.075 ng/ul	99
68) Atrazine	16.57	200	305403	41.580 ng/ul	98
69) Pentachlorophenol	16.75	266	188577	40.184 ng/ul	97
70) Phenanthrene	17.15	178	1624344	40.248 ng/ul	99
72) Anthracene	17.24	178	1668649	40.861 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	435676	41.689 ng/uL	93
74) Pentachlorobenzene	14.68	250	414087	40.833 ng/uL	97
75) Carbazole	17.50	167	1519710	42.731 ng/ul	99
76) Di-n-butylphthalate	18.08	149	1765942	44.252 ng/ul	99
77) Fluoranthene	19.16	202	1865984	43.575 ng/ul	96
80) Pyrene	19.52	202	1951100	38.862 ng/ul	99
81) Butylbenzylphthalate	20.43	149	763512	42.814 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.20	252	642352	45.120 ng/ul	96
83) Benzo(a)anthracene	21.27	228	1919774	40.067 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	1242630	44.546 ng/ul	99
85) Chrysene	21.32	228	1860855	39.195 ng/ul	97
87) Di-n-octyl phthalate	22.09	149	2042644	43.612 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	1959537	40.599 ng/ul	96
89) Benzo(k)fluoranthene	22.89	252	1928416	41.092 ng/ul	100
91) Benzo(a)pyrene	23.42	252	1775880	41.928 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	2263020	41.676 ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	1891856	41.371 ng/ul	99
94) Benzo(g,h,i)perylene	26.45	276	1885713	41.267 ng/ul	97

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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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