Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\
Data File : BN013535.D
Acq On : 29 Jan 2021 12:41
Operator : CG/JU
Sample : SSTD04053
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04053

Manual Integrations APPROVED
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2/1/2021 11:50:22 AM

Quant Time: Jan 29 13:12:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 12:41:56 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	450829	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1897052	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1124298	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2272463	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2166069	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2314959	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	161636	15.10	ng/uL	0.00
5) Phenol-d5	6.74	99	1378619	35.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	778454	32.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	1174809	35.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	1098673	35.34	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	547613	33.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	594510	33.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	1101793	34.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	1444351	38.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	3068319	34.37	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	4018817	35.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	618433	36.98	ng/ul	0.00
58) Fluorene-d10	15.19	176	2583874	33.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	515549	32.97	ng/ul	0.01
71) Anthracene-d10	17.05	188	3899798	33.33	ng/ul	0.00
79) Pyrene-d10	19.35	212	4184473	33.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	4567254	34.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	164077	14.853	ng/uL	99
4) Benzaldehyde	6.71	77	805349	42.239	ng/ul	96
6) Phenol	6.77	94	1451646	37.904	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.00	93	1128741	36.125	ng/ul	97
10) 2-Chlorophenol	7.13	128	1210898	35.983	ng/ul	100
11) 2-Methylphenol	8.00	108	1085468	37.182	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	1606720	30.241	ng/ul	99
14) Acetophenone	8.37	105	1721860	37.428	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	793500	33.999	ng/ul	98
16) 4-Methylphenol	8.33	108	1192596	38.381	ng/ul	98
17) Hexachloroethane	8.62	117	469532	31.654	ng/ul	98
20) Nitrobenzene	8.75	77	1224037	31.514	ng/ul	99
21) Isophorone	9.27	82	2261188	33.455	ng/ul	98
23) 2-Nitrophenol	9.45	139	667041	35.505	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	1289508	35.721	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	1487063	34.390	ng/ul	96
27) 2,4-Dichlorophenol	9.97	162	1110909	35.846	ng/ul	98
28) Naphthalene	10.37	128	3807282	34.849	ng/ul	99
30) 4-Chloroaniline	10.48	127	1465756	40.590	ng/ul	99
31) Hexachlorobutadiene	10.66	225	640502	31.628	ng/ul	98
32) Caprolactam	11.25	113	348141m	38.740	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	1160078	36.803	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	2670695	36.855	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.21	142	2574116	30.445	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	1236177	31.875	ng/ul	96
38) Hexachlorocyclopentadiene	12.35	237	794522	35.555	ng/ul	97
39) 2,4,6-Trichlorophenol	12.62	196	838284	33.947	ng/ul	97
40) 2,4,5-Trichlorophenol	12.68	196	899324	34.268	ng/ul	94
41) 1,1'-Biphenyl	13.02	154	3331912	33.922	ng/ul	99
42) 2-Chloronaphthalene	13.06	162	2558577	33.278	ng/ul	99
43) 2-Nitroaniline	13.27	65	705021	32.026	ng/ul	94
45) Dimethylphthalate	13.66	163	3124092	34.522	ng/ul	100
46) 2,6-Dinitrotoluene	13.78	165	669828	36.177	ng/ul	97
48) Acenaphthylene	13.92	152	3844733	33.689	ng/ul	100
49) 3-Nitroaniline	14.10	138	699821	41.549	ng/ul	98
50) Acenaphthene	14.26	153	2724219	33.587	ng/ul	97
51) 2,4-Dinitrophenol	14.31	184	367676	33.605	ng/ul	96
53) 4-Nitrophenol	14.42	109	444545	34.643	ng/ul	95
54) Dibenzofuran	14.60	168	3743861	34.401	ng/ul	99
55) 2,4-Dinitrotoluene	14.57	165	955795	37.387	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.83	232	735839	34.281	ng/ul	97
57) Diethylphthalate	15.04	149	3150425	34.043	ng/ul	98
59) Fluorene	15.25	166	2995833	33.458	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.25	204	1402546	31.873	ng/ul	96
61) 4-Nitroaniline	15.27	138	733727	44.432	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.33	198	525030	31.941	ng/ul	99
65) N-Nitrosodiphenylamine	15.47	169	2666148	34.579	ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	873762	32.212	ng/ul	98
67) Hexachlorobenzene	16.25	284	995185	32.068	ng/ul	95
68) Atrazine	16.43	200	939975	35.072	ng/ul	99
69) Pentachlorophenol	16.60	266	619713	34.312	ng/ul	98
70) Phenanthrene	16.99	178	4752450	33.870	ng/ul	99
72) Anthracene	17.08	178	4819969	33.652	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.98	216	1238177	31.549	ng/uL	95
74) Pentachlorobenzene	14.52	250	1209833	32.849	ng/uL	95
75) Carbazole	17.35	167	4418820	36.300	ng/ul	100
76) Di-n-butylphthalate	17.93	149	5285693	32.429	ng/ul	99
77) Fluoranthene	19.01	202	5239600	34.318	ng/ul	97
80) Pyrene	19.38	202	5459915	32.582	ng/ul	100
81) Butylbenzylphthalate	20.30	149	2317224	30.876	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	1845922	38.229	ng/ul	97
83) Benzo(a)anthracene	21.13	228	5161624	34.288	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.09	149	3575639	31.756	ng/ul	99
85) Chrysene	21.19	228	5073849	34.761	ng/ul	98
87) Di-n-octyl phthalate	21.94	149	6138858	31.600	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	5564768	35.508	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	5237094	34.132	ng/ul	99
91) Benzo(a)pyrene	23.23	252	4852572	33.537	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.47	276	6352494	36.014	ng/ul	99
93) Dibenzo(a,h)anthracene	25.49	278	5299677	35.650	ng/ul	99
94) Benzo(g,h,i)perylene	26.14	276	5456756	37.078	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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