Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
Data File : BN013960.D
Acq On : 16 Mar 2021 18:17
Operator : CG/JU
Sample : SSTD08052
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD080052

Manual Integrations APPROVED
mohammad
3/17/2021 10:52:25 AM

Quant Time: Mar 16 18:48:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 16 17:38:29 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	168932	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	679076	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	392514	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.10	188	794655	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	771249	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	816301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	142314	34.35	ng/uL	0.00
4) Pyridine-d5	3.60	84	1004831	92.91	ng/ul	0.00
7) Phenol-d5	6.88	99	1205547	90.74	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	716297	91.72	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	959015	82.52	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	917386	87.02	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	454675	85.32	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	475323	86.88	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	893241	85.28	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	1255252	84.90	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	2394034	82.21	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	2881790	77.79	ng/ul	0.00
54) 4-Nitrophenol-d4	14.56	143	482881	88.54	ng/ul	0.02
60) Fluorene-d10	15.35	176	1991926	78.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.47	200	380001	82.09	ng/ul	0.01
73) Anthracene-d10	17.20	188	3067664	79.89	ng/ul	0.00
81) Pyrene-d10	19.49	212	3352689	73.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	3614231	84.87	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	147077	34.309	ng/uL	97
5) Pyridine	3.62	79	1010449	92.251	ng/ul	95
6) Benzaldehyde	6.85	77	472757	87.201	ng/ul	97
8) Phenol	6.90	94	1278430	93.181	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.14	93	988371	87.632	ng/ul	99
12) 2-Chlorophenol	7.28	128	1010146	84.846	ng/ul	98
13) 2-Methylphenol	8.15	108	939789	90.922	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.25	45	1444887	91.756	ng/ul	99
16) Acetophenone	8.53	105	1453938	91.296	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.53	70	731251	100.917	ng/ul	98
18) 4-Methylphenol	8.49	108	1008345	90.099	ng/ul	99
19) Hexachloroethane	8.78	117	411473	82.977	ng/ul	99
22) Nitrobenzene	8.91	77	1110219	91.803	ng/ul	95
23) Isophorone	9.43	82	2003929	96.428	ng/ul	99
25) 2-Nitrophenol	9.61	139	535914	86.250	ng/ul	100
26) 2,4-Dimethylphenol	9.67	107	1071029	89.874	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.92	93	1274752	87.979	ng/ul	100
29) 2,4-Dichlorophenol	10.14	162	907392	86.050	ng/ul	98
30) Naphthalene	10.55	128	3010809	78.536	ng/ul	99
32) 4-Chloroaniline	10.65	127	1285277	89.984	ng/ul	98
33) Hexachlorobutadiene	10.83	225	536522	77.939	ng/ul	96
34) Caprolactam	11.43	113	289592m	99.220	ng/ul	

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35) 4-Chloro-3-methylphenol	11.78	107	946994	91.608	ng/ul	96
36) 2-Methylnaphthalene	12.16	142	2116142	82.564	ng/ul	97
37) 1-Methylnaphthalene	12.38	142	2066664	84.208	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	1021813	81.029	ng/ul	98
40) Hexachlorocyclopentadiene	12.51	237	654233	84.609	ng/ul	97
41) 2,4,6-Trichlorophenol	12.77	196	671204	88.266	ng/ul	99
42) 2,4,5-Trichlorophenol	12.85	196	724941	87.200	ng/ul	97
43) 1,1'-Biphenyl	13.18	154	2572832	77.693	ng/ul	99
44) 2-Chloronaphthalene	13.22	162	2017303	77.066	ng/ul	99
45) 2-Nitroaniline	13.43	65	616388	103.062	ng/ul	99
47) Dimethylphthalate	13.81	163	2413929	79.696	ng/ul	99
48) 2,6-Dinitrotoluene	13.93	165	520554	87.837	ng/ul	93
50) Acenaphthylene	14.07	152	3003713	78.713	ng/ul	99
51) 3-Nitroaniline	14.26	138	530609	97.604	ng/ul	91
52) Acenaphthene	14.42	153	2120735	77.882	ng/ul	99
53) 2,4-Dinitrophenol	14.46	184	276366	91.401	ng/ul	95
55) 4-Nitrophenol	14.57	109	377685	96.223	ng/ul	97
56) Dibenzofuran	14.75	168	2891594	79.290	ng/ul	98
57) 2,4-Dinitrotoluene	14.72	165	721879	87.178	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.98	232	575413	89.343	ng/ul	96
59) Diethylphthalate	15.19	149	2442889	83.497	ng/ul	99
61) Fluorene	15.40	166	2281016	79.277	ng/ul	94
62) 4-Chlorophenyl-phenylether	15.40	204	1104064	78.204	ng/ul	96
63) 4-Nitroaniline	15.43	138	507518	103.872	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.49	198	391630	78.011	ng/ul#	89
67) N-Nitrosodiphenylamine	15.62	169	2053359	78.003	ng/ul	97
68) 4-Bromophenyl-phenylether	16.29	248	710802	79.321	ng/ul	96
69) Hexachlorobenzene	16.40	284	789461	76.941	ng/ul	96
70) Atrazine	16.57	200	735350	85.368	ng/ul	99
71) Pentachlorophenol	16.75	266	482985	88.199	ng/ul	97
72) Phenanthrene	17.14	178	3648524	76.899	ng/ul	97
74) Anthracene	17.23	178	3775039	79.259	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	1039881	77.070	ng/uL	96
76) Pentachlorobenzene	14.67	250	1029156	80.181	ng/uL	97
77) Carbazole	17.50	167	3468043	87.135	ng/ul	99
78) Di-n-butylphthalate	18.07	149	4264339	94.253	ng/ul	99
80) Fluoranthene	19.16	202	4210899	70.732	ng/ul	99
82) Pyrene	19.52	202	4259008	69.680	ng/ul	99
83) Butylbenzylphthalate	20.42	149	1873280	92.097	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.19	252	1153310	84.326	ng/ul	99
85) Benzo(a)anthracene	21.26	228	4227240	82.507	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.19	149	2692971	94.133	ng/ul	97
87) Chrysene	21.32	228	4066923	80.640	ng/ul	97
89) Di-n-octyl phthalate	22.07	149	4835384	96.213	ng/ul	100
90) Benzo(b)fluoranthene	22.84	252	4331370	81.074	ng/ul	98
91) Benzo(k)fluoranthene	22.89	252	4350545	82.263	ng/ul	98
93) Benzo(a)pyrene	23.42	252	3899993	79.448	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.76	276	5161922	84.800	ng/ul	98
95) Dibenzo(a,h)anthracene	25.77	278	4209626	82.784	ng/ul	98
96) Benzo(g,h,i)perylene	26.45	276	4262356	84.236	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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