Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\
Data File : BN013361.D
Acq On : 08 Jan 2021 11:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020002

Manual Integrations APPROVED
mohammad
1/11/2021 1:40:35 PM

Quant Time: Jan 08 12:14:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	357501	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1491183	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	901019	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1809540	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1782740	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1897077	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	74819	7.98	ng/uL	0.00
4) Pyridine-d5	3.59	84	473390	20.22	ng/ul	0.00
7) Phenol-d5	6.78	99	602369	20.06	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	354749	21.22	ng/ul	0.00
11) 2-Chlorophenol-d4	7.14	132	518700	19.83	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	488949	20.16	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	238468	20.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	250789	20.48	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	499254	20.64	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	735591	22.23	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	1389764	19.95	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	1768458	20.57	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	258179	20.28	ng/ul	0.00
60) Fluorene-d10	15.22	176	1244657	20.65	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	185350	20.81	ng/ul	0.00
73) Anthracene-d10	17.07	188	1849675	21.04	ng/ul	0.00
81) Pyrene-d10	19.37	212	1998235	20.81	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2141271	21.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	75647	8.117	ng/uL	100
5) Pyridine	3.60	79	490455	20.810	ng/ul	100
6) Benzaldehyde	6.76	77	171441	15.210	ng/ul	100
8) Phenol	6.80	94	634859	20.905	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.04	93	515517	21.422	ng/ul	100
12) 2-Chlorophenol	7.17	128	538451	20.206	ng/ul	100
13) 2-Methylphenol	8.04	108	475246	20.312	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.13	45	730299	21.657	ng/ul	100
16) Acetophenone	8.41	105	772122	21.692	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.40	70	342625	19.400	ng/ul	100
18) 4-Methylphenol	8.36	108	528163	21.028	ng/ul	100
19) Hexachloroethane	8.66	117	219728	21.014	ng/ul	100
22) Nitrobenzene	8.78	77	552318	20.747	ng/ul	100
23) Isophorone	9.31	82	975062	19.369	ng/ul	100
25) 2-Nitrophenol	9.49	139	288373	21.154	ng/ul	100
26) 2,4-Dimethylphenol	9.55	107	571283	20.754	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.79	93	672967	20.667	ng/ul	100
29) 2,4-Dichlorophenol	10.01	162	496805	20.862	ng/ul	100
30) Naphthalene	10.41	128	1780909	21.285	ng/ul	100
32) 4-Chloroaniline	10.52	127	726971	23.076	ng/ul	100
33) Hexachlorobutadiene	10.70	225	315778	21.213	ng/ul	100
34) Caprolactam	11.28	113	134976m	18.380	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	506200	19.847	ng/ul	100
36) 2-Methylnaphthalene	12.03	142	1211308	21.054	ng/ul	100
37) 1-Methylnaphthalene	12.25	142	1171504	21.125	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	586593	21.633	ng/ul	100
40) Hexachlorocyclopentadiene	12.39	237	339503	24.030	ng/ul	100
41) 2,4,6-Trichlorophenol	12.65	196	356497	19.937	ng/ul	100
42) 2,4,5-Trichlorophenol	12.72	196	402403	21.147	ng/ul	100
43) 1,1'-Biphenyl	13.06	154	1548217	21.333	ng/ul	100
44) 2-Chloronaphthalene	13.09	162	1218047	21.310	ng/ul	100
45) 2-Nitroaniline	13.30	65	279019	19.157	ng/ul	100
47) Dimethylphthalate	13.70	163	1456062	20.365	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	281505	20.759	ng/ul	100
50) Acenaphthylene	13.95	152	1832102	21.083	ng/ul	100
51) 3-Nitroaniline	14.13	138	184758	14.771	ng/ul	100
52) Acenaphthene	14.29	153	1306625	21.311	ng/ul	100
53) 2,4-Dinitrophenol	14.33	184	112031	18.434	ng/ul	100
55) 4-Nitrophenol	14.45	109	198793	20.743	ng/ul	100
56) Dibenzofuran	14.63	168	1775715	21.154	ng/ul	100
57) 2,4-Dinitrotoluene	14.59	165	405409	20.982	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.86	232	321525	20.010	ng/ul	100
59) Diethylphthalate	15.07	149	1444772	19.877	ng/ul	100
61) Fluorene	15.28	166	1439120	21.162	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.29	204	691861	21.105	ng/ul	100
63) 4-Nitroaniline	15.30	138	166261	14.152	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.36	198	214621	21.655	ng/ul	100
67) N-Nitrosodiphenylamine	15.50	169	1215485	21.318	ng/ul	100
68) 4-Bromophenyl-phenylether	16.17	248	415576	20.866	ng/ul	100
69) Hexachlorobenzene	16.28	284	478706	21.201	ng/ul	100
70) Atrazine	16.46	200	399991	20.537	ng/ul	100
71) Pentachlorophenol	16.63	266	253219	20.110	ng/ul	100
72) Phenanthrene	17.02	178	2290589	21.817	ng/ul	100
74) Anthracene	17.10	178	2313306	21.590	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	578279	22.047	ng/uL	100
76) Pentachlorobenzene	14.55	250	567135	21.671	ng/uL	100
77) Carbazole	17.37	167	1981466	22.783	ng/ul	100
78) Di-n-butylphthalate	17.96	149	2323634	19.602	ng/ul	100
80) Fluoranthene	19.04	202	2532763	20.617	ng/ul	100
82) Pyrene	19.40	202	2658120	21.107	ng/ul	100
83) Butylbenzylphthalate	20.33	149	981948	18.141	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.10	252	712713	21.140	ng/ul	100
85) Benzo(a)anthracene	21.16	228	2547552	21.650	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.12	149	1541295	19.221	ng/ul	100
87) Chrysene	21.21	228	2483672	21.554	ng/ul	100
89) Di-n-octyl phthalate	21.99	149	2546677	21.579	ng/ul	100
90) Benzo(b)fluoranthene	22.71	252	2500677	20.673	ng/ul	100
91) Benzo(k)fluoranthene	22.75	252	2602707	22.590	ng/ul	100
93) Benzo(a)pyrene	23.26	252	2375184	21.658	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.53	276	2952682	21.495	ng/ul	100
95) Dibenzo(a,h)anthracene	25.54	278	2515543	21.851	ng/ul	100
96) Benzo(g,h,i)perylene	26.19	276	2499601	21.473	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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