Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010521\
Data File : BN013330.D
Acq On : 05 Jan 2021 19:46
Operator : CG/JU
Sample : SSTD08055
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD080551

Manual Integrations APPROVED
mohammad
1/6/2021 12:00:58 PM

Quant Time: Jan 06 01:34:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:47:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	423889	20.00	ng/ul	0.00
20) Naphthalene-d8	10.38	136	1869954	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.25	164	1120613	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.99	188	2336251	20.00	ng/ul	0.00
79) Chrysene-d12	21.20	240	2118870	20.00	ng/ul	0.00
88) Perylene-d12	23.39	264	2460584	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	350255	29.75	ng/uL	0.00
4) Pyridine-d5	3.60	84	2370797	74.52	ng/ul	0.00
7) Phenol-d5	6.80	99	3057599	80.57	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	6.96	67	1651521	69.77	ng/ul	0.00
11) 2-Chlorophenol-d4	7.16	132	2610025	87.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.33	113	2474825	80.07	ng/ul	0.01
21) Nitrobenzene-d5	8.76	128	1224644	81.84	ng/ul	0.01
24) 2-Nitrophenol-d4	9.48	143	1373218	83.14	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.01	165	2432757	77.53	ng/ul	0.01
31) 4-Chloroaniline-d4	10.52	131	3336295	76.01	ng/ul	0.01
46) Dimethylphthalate-d6	13.67	166	6495888	71.29	ng/ul	0.01
49) Acenaphthylene-d8	13.94	160	7936917	74.65	ng/ul	0.00
54) 4-Nitrophenol-d4	14.47	143	1369813	84.98	ng/ul	0.02
60) Fluorene-d10	15.25	176	5390433	70.07	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.37	200	1114659	69.78	ng/ul	0.02
73) Anthracene-d10	17.09	188	8064330	69.07	ng/ul	0.00
81) Pyrene-d10	19.39	212	8555514	80.99	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.26	264	9586204	72.11	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	359071	29.329	ng/uL	95
5) Pyridine	3.62	79	2368173	72.256	ng/ul	97
6) Benzaldehyde	6.77	77	1143138	67.139	ng/ul	98
8) Phenol	6.83	94	3072022	77.582	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.06	93	2384346	75.726	ng/ul	98
12) 2-Chlorophenol	7.19	128	2596762	84.547	ng/ul	99
13) 2-Methylphenol	8.06	108	2367518	80.399	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.15	45	3327338	74.950	ng/ul	97
16) Acetophenone	8.43	105	3492726	68.052	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.45	70	1641913	61.710	ng/ul	97
18) 4-Methylphenol	8.40	108	2546819	79.407	ng/ul	98
19) Hexachloroethane	8.68	117	992062	67.191	ng/ul	99
22) Nitrobenzene	8.80	77	2595428	59.847	ng/ul	100
23) Isophorone	9.35	82	4962048	65.268	ng/ul	98
25) 2-Nitrophenol	9.50	139	1453798	80.646	ng/ul	99
26) 2,4-Dimethylphenol	9.58	107	2703849	69.337	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.82	93	3117500	71.192	ng/ul	100
29) 2,4-Dichlorophenol	10.04	162	2366700	76.444	ng/ul	98
30) Naphthalene	10.43	128	7716607	72.608	ng/ul	98
32) 4-Chloroaniline	10.55	127	3152337	73.700	ng/ul	99
33) Hexachlorobutadiene	10.72	225	1420330	67.438	ng/ul	96
34) Caprolactam	11.36	113	800732m	79.276	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.68	107	2542141	71.535	ng/ul	98
36) 2-Methylnaphthalene	12.05	142	5283657	70.488	ng/ul	100
37) 1-Methylnaphthalene	12.27	142	5082765	70.342	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	2448268	69.434	ng/ul	99
40) Hexachlorocyclopentadiene	12.40	237	1538332	71.553	ng/ul	98
41) 2,4,6-Trichlorophenol	12.67	196	1797813	80.058	ng/ul	99
42) 2,4,5-Trichlorophenol	12.74	196	1918197	78.374	ng/ul	99
43) 1,1'-Biphenyl	13.08	154	6508969	71.592	ng/ul	100
44) 2-Chloronaphthalene	13.12	162	5167981	71.919	ng/ul	99
45) 2-Nitroaniline	13.32	65	1504242	63.917	ng/ul	93
47) Dimethylphthalate	13.72	163	6538185	70.080	ng/ul	99
48) 2,6-Dinitrotoluene	13.83	165	1465082	79.365	ng/ul	97
50) Acenaphthylene	13.97	152	7800398	71.422	ng/ul	99
51) 3-Nitroaniline	14.16	138	1403874	93.091	ng/ul#	98
52) Acenaphthene	14.31	153	5495796	68.709	ng/ul	98
53) 2,4-Dinitrophenol	14.36	184	781712	68.534	ng/ul	97
55) 4-Nitrophenol	14.48	109	1001346	59.459	ng/ul	95
56) Dibenzofuran	14.65	168	7423758	67.138	ng/ul	96
57) 2,4-Dinitrotoluene	14.62	165	2037824	75.732	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.87	232	1647373	77.704	ng/ul	98
59) Diethylphthalate	15.10	149	6826657	70.485	ng/ul	99
61) Fluorene	15.30	166	5669731	60.674	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.30	204	2754936	61.895	ng/ul	97
63) 4-Nitroaniline	15.33	138	1289214	84.533	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.39	198	1198095	69.497	ng/ul#	97
67) N-Nitrosodiphenylamine	15.52	169	5271706	72.541	ng/ul	99
68) 4-Bromophenyl-phenylether	16.20	248	1904756	72.236	ng/ul	96
69) Hexachlorobenzene	16.30	284	2102301	67.926	ng/ul	97
70) Atrazine	16.49	200	2041558	71.929	ng/ul	99
71) Pentachlorophenol	16.65	266	1418997	74.737	ng/ul	99
72) Phenanthrene	17.04	178	9402493	66.008	ng/ul	100
74) Anthracene	17.13	178	9336422	64.634	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.03	216	2493525	74.530	ng/uL	100
76) Pentachlorobenzene	14.57	250	2432631	68.715	ng/uL	97
77) Carbazole	17.40	167	8814096	69.476	ng/ul	99
78) Di-n-butylphthalate	17.99	149	11041385	68.408	ng/ul	96
80) Fluoranthene	19.06	202	10742315	77.587	ng/ul	100
82) Pyrene	19.43	202	10518841	72.354	ng/ul	100
83) Butylbenzylphthalate	20.35	149	5270163	85.186	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.12	252	3404914	68.606	ng/ul	98
85) Benzo(a)anthracene	21.19	228	10091472	71.295	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.15	149	7410006	73.981	ng/ul	95
87) Chrysene	21.24	228	9623655	69.869	ng/ul	98
89) Di-n-octyl phthalate	22.02	149	12414710	64.785	ng/ul	100
90) Benzo(b)fluoranthene	22.75	252	11175610	69.867	ng/ul	98
91) Benzo(k)fluoranthene	22.79	252	10539270	65.640	ng/ul	98
93) Benzo(a)pyrene	23.31	252	10209379	68.591	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.60	276	13240930	69.652	ng/ul	98
95) Dibenzo(a,h)anthracene	25.62	278	10709557	66.736	ng/ul	99
96) Benzo(g,h,i)perylene	26.27	276	11580042	73.731	ng/ul	99

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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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