Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011521\
Data File : BN013415.D
Acq On : 15 Jan 2021 16:00
Operator : CG/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040055

Manual Integrations APPROVED
mohammad
1/18/2021 3:36:56 PM

Quant Time: Jan 15 17:00:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 15:56:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	511295	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	2049879	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	1153320	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2275057	20.00	ng/ul	0.00
79) Chrysene-d12	21.18	240	1884410	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1701528	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	204387	15.24	ng/uL	0.00
4) Pyridine-d5	3.57	84	1347585	40.24	ng/ul	0.00
7) Phenol-d5	6.77	99	1667227	38.83	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.94	67	984577	41.17	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	1457777	38.98	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	1348470	38.88	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	684685	41.93	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	742118	44.09	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	1337308	40.22	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1902257	41.81	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	3565697	39.98	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	4503764	40.93	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	695851	42.71	ng/ul	0.00
60) Fluorene-d10	15.23	176	3060056	39.66	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	561603	50.15	ng/ul	0.00
73) Anthracene-d10	17.07	188	4478799	40.53	ng/ul	0.00
81) Pyrene-d10	19.38	212	4483257	44.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.23	264	3749867	42.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	205968	15.454	ng/uL	96
5) Pyridine	3.59	79	1366598	40.544	ng/ul	99
6) Benzaldehyde	6.74	77	782294	48.528	ng/ul	99
8) Phenol	6.80	94	1729577	39.822	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.03	93	1415600	41.130	ng/ul	99
12) 2-Chlorophenol	7.16	128	1481707	38.878	ng/ul	99
13) 2-Methylphenol	8.03	108	1314570	39.285	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.12	45	1976478	40.982	ng/ul	99
16) Acetophenone	8.40	105	2043885	40.149	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.40	70	939073	37.179	ng/ul	98
18) 4-Methylphenol	8.36	108	1410502	39.266	ng/ul	100
19) Hexachloroethane	8.66	117	611246	40.873	ng/ul	96
22) Nitrobenzene	8.78	77	1485934	40.604	ng/ul	99
23) Isophorone	9.30	82	2746890	39.694	ng/ul	99
25) 2-Nitrophenol	9.48	139	813278	43.399	ng/ul	96
26) 2,4-Dimethylphenol	9.55	107	1512231	39.965	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.79	93	1810798	40.453	ng/ul	100
29) 2,4-Dichlorophenol	10.00	162	1334263	40.758	ng/ul	99
30) Naphthalene	10.40	128	4671519	40.616	ng/ul	100
32) 4-Chloroaniline	10.52	127	1825787	42.160	ng/ul	100
33) Hexachlorobutadiene	10.70	225	847465	41.413	ng/ul	94
34) Caprolactam	11.29	113	380286m	37.671	ng/ul	

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35) 4-Chloro-3-methylphenol	11.65	107	1353259	38.597	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	3160001	39.955	ng/ul	98
37) 1-Methylnaphthalene	12.25	142	3032100	39.774	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	1491650	42.976	ng/ul	98
40) Hexachlorocyclopentadiene	12.39	237	973035	53.806	ng/ul	96
41) 2,4,6-Trichlorophenol	12.65	196	986017	43.079	ng/ul	99
42) 2,4,5-Trichlorophenol	12.72	196	1048853	43.062	ng/ul	99
43) 1,1'-Biphenyl	13.06	154	3912331	42.114	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	3073224	42.005	ng/ul	99
45) 2-Nitroaniline	13.30	65	767015	41.141	ng/ul	96
47) Dimethylphthalate	13.69	163	3653044	39.916	ng/ul	99
48) 2,6-Dinitrotoluene	13.81	165	771125	44.425	ng/ul	97
50) Acenaphthylene	13.95	152	4558730	40.983	ng/ul	99
51) 3-Nitroaniline	14.13	138	723670	45.198	ng/ul	98
52) Acenaphthene	14.29	153	3231185	41.172	ng/ul	100
53) 2,4-Dinitrophenol	14.34	184	404324	51.976	ng/ul	94
55) 4-Nitrophenol	14.45	109	491734	40.086	ng/ul	99
56) Dibenzofuran	14.63	168	4322489	40.228	ng/ul	99
57) 2,4-Dinitrotoluene	14.60	165	1067825	43.175	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.86	232	845141	41.091	ng/ul	99
59) Diethylphthalate	15.07	149	3643937	39.165	ng/ul	99
61) Fluorene	15.28	166	3427707	39.378	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.28	204	1677457	39.977	ng/ul	100
63) 4-Nitroaniline	15.30	138	672852	44.744	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.36	198	606960	48.711	ng/ul	97
67) N-Nitrosodiphenylamine	15.50	169	2983068	41.614	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	1043897	41.688	ng/ul	98
69) Hexachlorobenzene	16.29	284	1156809	40.750	ng/ul	96
70) Atrazine	16.46	200	1039602	42.456	ng/ul	98
71) Pentachlorophenol	16.63	266	695240	43.917	ng/ul	98
72) Phenanthrene	17.02	178	5396529	40.882	ng/ul	99
74) Anthracene	17.11	178	5472499	40.623	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	1486734	45.085	ng/uL	99
76) Pentachlorobenzene	14.55	250	1439190	43.742	ng/uL	98
77) Carbazole	17.38	167	4718707	43.154	ng/ul	100
78) Di-n-butylphthalate	17.96	149	5873658	39.411	ng/ul	100
80) Fluoranthene	19.05	202	5915290	45.554	ng/ul	98
82) Pyrene	19.41	202	6008843	45.138	ng/ul	98
83) Butylbenzylphthalate	20.33	149	2425036	42.384	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.10	252	1643705	46.124	ng/ul	95
85) Benzo(a)anthracene	21.16	228	5083783	40.872	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.12	149	3444243	40.636	ng/ul	99
87) Chrysene	21.22	228	4999653	41.048	ng/ul	99
89) Di-n-octyl phthalate	21.99	149	5325828	50.314	ng/ul	100
90) Benzo(b)fluoranthene	22.72	252	4657484	42.928	ng/ul	98
91) Benzo(k)fluoranthene	22.76	252	4653520	45.031	ng/ul	99
93) Benzo(a)pyrene	23.27	252	4164646	42.339	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.54	276	4681455	37.997	ng/ul	99
95) Dibenzo(a,h)anthracene	25.56	278	3930741	38.068	ng/ul	98
96) Benzo(g,h,i)perylene	26.22	276	3945124	37.786	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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