Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052521\
Data File : BN014722.D
Acq On : 24 May 2021 21:36
Operator : CG/JU
Sample : SSTD04053
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040053

Manual Integrations APPROVED
mohammad
5/25/2021 11:18:48 AM

Quant Time: May 25 01:36:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 01:17:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	222302	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	873735	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	661941	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1568288	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1834463	20.00	ng/ul	0.00
88) Perylene-d12	23.58	264	2304461	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	86430	14.80	ng/uL	0.00
4) Pyridine-d5	3.63	84	585056	37.81	ng/ul	0.00
7) Phenol-d5	6.89	99	876468	47.16	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	435547	39.14	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	578713	39.59	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	678640	48.17	ng/ul	0.00
21) Nitrobenzene-d5	8.87	128	281841	44.64	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	316028	51.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	692615	52.00	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	761354	38.53	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	2158396	45.01	ng/ul	0.00
49) Acenaphthylene-d8	14.06	160	2461692	42.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	343166	36.90	ng/ul	0.00
60) Fluorene-d10	15.36	176	1788496	42.19	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	381697	45.48	ng/ul	0.00
73) Anthracene-d10	17.22	188	2970638	40.58	ng/ul	0.00
81) Pyrene-d10	19.52	212	3686079	41.39	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.44	264	5026981	41.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	93117	15.650	ng/uL#	95
5) Pyridine	3.65	79	583489	36.691	ng/ul	99
6) Benzaldehyde	6.86	77	576341	61.423	ng/ul	96
8) Phenol	6.92	94	908978	45.501	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.14	93	700749	44.601	ng/ul#	93
12) 2-Chlorophenol	7.28	128	578814	37.035	ng/ul	98
13) 2-Methylphenol	8.16	108	662143	45.709	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.24	45	416938	24.007	ng/ul	97
16) Acetophenone	8.53	105	1143004	48.272	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.52	70	567789	51.574	ng/ul#	96
18) 4-Methylphenol	8.49	108	717388	45.728	ng/ul	98
19) Hexachloroethane	8.79	117	290899	44.280	ng/ul	94
22) Nitrobenzene	8.91	77	865762	51.836	ng/ul	99
23) Isophorone	9.43	82	1681431	59.860	ng/ul	98
25) 2-Nitrophenol	9.62	139	333882	45.702	ng/ul	96
26) 2,4-Dimethylphenol	9.68	107	955253	58.734	ng/ul	93
27) Bis(2-Chloroethoxy)methane	9.92	93	984595	51.451	ng/ul	97
29) 2,4-Dichlorophenol	10.15	162	631149	46.174	ng/ul	93
30) Naphthalene	10.55	128	1898050	39.194	ng/ul	97
32) 4-Chloroaniline	10.66	127	824717	40.563	ng/ul	92
33) Hexachlorobutadiene	10.84	225	563242	63.113	ng/ul	97
34) Caprolactam	11.43	113	205094m	53.832	ng/ul	

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35) 4-Chloro-3-methylphenol	11.80	107	942600	69.767	ng/ul	96
36) 2-Methylnaphthalene	12.17	142	1416744	42.937	ng/ul	98
37) 1-Methylnaphthalene	12.39	142	1392866	42.391	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	1000022	44.635	ng/ul	96
40) Hexachlorocyclopentadiene	12.52	237	719398	51.707	ng/ul	97
41) 2,4,6-Trichlorophenol	12.79	196	605953	46.794	ng/ul	95
42) 2,4,5-Trichlorophenol	12.87	196	654058	45.514	ng/ul	97
43) 1,1'-Biphenyl	13.19	154	1900533	34.910	ng/ul	98
44) 2-Chloronaphthalene	13.23	162	1556744	36.580	ng/ul	96
45) 2-Nitroaniline	13.44	65	539935	54.727	ng/ul	99
47) Dimethylphthalate	13.82	163	2083382	41.850	ng/ul	99
48) 2,6-Dinitrotoluene	13.94	165	437327	50.092	ng/ul	93
50) Acenaphthylene	14.09	152	2277152	37.099	ng/ul	98
51) 3-Nitroaniline	14.27	138	399116	37.102	ng/ul	97
52) Acenaphthene	14.43	153	1595878	35.644	ng/ul	97
53) 2,4-Dinitrophenol	14.47	184	241441	47.378	ng/ul	90
55) 4-Nitrophenol	14.60	109	451481	56.652	ng/ul	91
56) Dibenzofuran	14.77	168	2378170	38.168	ng/ul	92
57) 2,4-Dinitrotoluene	14.73	165	663204	52.585	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	665190	58.836	ng/ul	97
59) Diethylphthalate	15.20	149	1998754	39.250	ng/ul	99
61) Fluorene	15.42	166	1706975	33.796	ng/ul	94
62) 4-Chlorophenyl-phenylether	15.42	204	1020355	41.023	ng/ul	92
63) 4-Nitroaniline	15.44	138	418564	39.973	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.50	198	383787	43.183	ng/ul#	88
67) N-Nitrosodiphenylamine	15.63	169	1724864	35.348	ng/ul	99
68) 4-Bromophenyl-phenylether	16.31	248	838026	50.509	ng/ul	89
69) Hexachlorobenzene	16.43	284	1015672	51.284	ng/ul	95
70) Atrazine	16.59	200	768709	44.328	ng/ul	96
71) Pentachlorophenol	16.77	266	507166	44.044	ng/ul	98
72) Phenanthrene	17.16	178	3303908	36.083	ng/ul	98
74) Anthracene	17.25	178	3346676	35.984	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	1078497	41.761	ng/uL	94
76) Pentachlorobenzene	14.69	250	1105833	43.082	ng/uL	98
77) Carbazole	17.52	167	2931229	34.840	ng/ul	97
78) Di-n-butylphthalate	18.09	149	3497669	38.422	ng/ul	98
80) Fluoranthene	19.18	202	4403252	39.131	ng/ul	98
82) Pyrene	19.55	202	4338019	36.204	ng/ul	98
83) Butylbenzylphthalate	20.46	149	1645287	41.821	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.23	252	1613102	49.166	ng/ul	99
85) Benzo(a)anthracene	21.30	228	4664048	39.348	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.24	149	2129417	33.209	ng/ul	99
87) Chrysene	21.35	228	4678667	40.722	ng/ul	100
89) Di-n-octyl phthalate	22.13	149	4691056	32.604	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	5544586	35.964	ng/ul	97
91) Benzo(k)fluoranthene	22.95	252	5525879	36.005	ng/ul	100
93) Benzo(a)pyrene	23.49	252	5116469	37.511	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.88	276	7018115	38.820	ng/ul	98
95) Dibenzo(a,h)anthracene	25.89	278	5532069	37.067	ng/ul	99
96) Benzo(g,h,i)perylene	26.58	276	6397159	43.786	ng/ul	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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