Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042121\
Data File : BN014339.D
Acq On : 20 Apr 2021 12:22
Operator : CG/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04055

Manual Integrations APPROVED
mohammad
4/21/2021 11:26:38 AM

Quant Time: Apr 20 15:13:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 20 15:09:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	152762	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	590432	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	338956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	690794	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	749672	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	721399	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	60114	15.38	ng/uL	0.00
5) Phenol-d5	6.86	99	461317	39.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	274054	39.01	ng/ul	0.01
9) 2-Chlorophenol-d4	7.23	132	369400	41.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	342798	39.10	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	175969	41.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	166171	43.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	342495	43.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	443973	46.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	905837	40.58	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1225791	40.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	166799	40.62	ng/ul	0.00
58) Fluorene-d10	15.32	176	793381	39.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	127373	38.84	ng/ul	0.00
71) Anthracene-d10	17.17	188	1242721	40.68	ng/ul	0.00
78) Pyrene-d10	19.47	212	1375128	40.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1504038	42.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	61455	15.493	ng/uL	99
4) Benzaldehyde	6.84	77	277850	56.163	ng/ul	99
6) Phenol	6.89	94	491623	38.847	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.12	93	385194	38.736	ng/ul	99
10) 2-Chlorophenol	7.26	128	393285	40.287	ng/ul	98
11) 2-Methylphenol	8.13	108	354402	39.316	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	418970	38.867	ng/ul	99
14) Acetophenone	8.51	105	595887	39.517	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	291048	40.760	ng/ul	98
16) 4-Methylphenol	8.46	108	383785	39.035	ng/ul	96
17) Hexachloroethane	8.76	117	170839	39.408	ng/ul	96
20) Nitrobenzene	8.88	77	442919	40.625	ng/ul	99
21) Isophorone	9.40	82	755512	42.431	ng/ul	99
23) 2-Nitrophenol	9.59	139	195833	43.434	ng/ul	98
24) 2,4-Dimethylphenol	9.65	107	411839	41.293	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	483526	40.239	ng/ul	100
27) 2,4-Dichlorophenol	10.12	162	347648	41.312	ng/ul	97
28) Naphthalene	10.52	128	1216874	39.642	ng/ul	100
30) 4-Chloroaniline	10.63	127	460749	45.909	ng/ul	99
31) Hexachlorobutadiene	10.81	225	233226	40.125	ng/ul	97
32) Caprolactam	11.39	113	91182m	39.594	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	340341	42.852	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	831380	39.653	ng/ul	100

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35) 1-Methylnaphthalene	12.36	142	805681	39.797	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	424225	39.701	ng/ul	95
38) Hexachlorocyclopentadiene	12.49	237	256368	39.908	ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	242673	42.996	ng/ul	97
40) 2,4,5-Trichlorophenol	12.82	196	271589	42.111	ng/ul	97
41) 1,1'-Biphenyl	13.16	154	1025736	39.367	ng/ul	96
42) 2-Chloronaphthalene	13.20	162	812940	39.907	ng/ul	99
43) 2-Nitroaniline	13.40	65	210079	44.234	ng/ul	98
45) Dimethylphthalate	13.79	163	936216	40.261	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	189235	44.172	ng/ul	95
48) Acenaphthylene	14.05	152	1205719	40.969	ng/ul	100
49) 3-Nitroaniline	14.23	138	194739	42.413	ng/ul	99
50) Acenaphthene	14.39	153	849045	39.777	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	82443	37.231	ng/ul	99
53) 4-Nitrophenol	14.54	109	143463	40.387	ng/ul	99
54) Dibenzofuran	14.73	168	1183502	39.435	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	266857	43.347	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	217044	43.453	ng/ul	93
57) Diethylphthalate	15.16	149	918331	41.009	ng/ul	99
59) Fluorene	15.38	166	976817	40.698	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.37	204	479050	40.063	ng/ul	99
61) 4-Nitroaniline	15.40	138	207575	40.157	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.46	198	133378	38.921	ng/ul#	98
65) N-Nitrosodiphenylamine	15.59	169	793380	40.336	ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	276847	40.316	ng/ul	99
67) Hexachlorobenzene	16.38	284	322980	39.718	ng/ul	95
68) Atrazine	16.55	200	269324	40.219	ng/ul	96
69) Pentachlorophenol	16.73	266	162021	38.429	ng/ul	93
70) Phenanthrene	17.12	178	1482644	39.510	ng/ul	98
72) Anthracene	17.21	178	1515642	40.042	ng/ul	98
73) Pentachlorobenzene	14.65	250	405469	40.139	ng/uL	96
74) Carbazole	17.47	167	1334121	40.545	ng/ul	100
75) Di-n-butylphthalate	18.05	149	1498648	43.437	ng/ul	100
76) Fluoranthene	19.14	202	1695535	41.501	ng/ul	99
79) Pyrene	19.50	202	1788069	39.600	ng/ul	100
80) Butylbenzylphthalate	20.41	149	620813	43.736	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.19	252	540750	46.068	ng/ul	98
82) Benzo(a)anthracene	21.25	228	1790226	39.938	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1025071	45.184	ng/ul	100
84) Chrysene	21.30	228	1724090	39.671	ng/ul	99
86) Di-n-octyl phthalate	22.07	149	1652262	42.234	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	1791675	41.433	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	1766881	40.822	ng/ul	97
90) Benzo(a)pyrene	23.40	252	1618702	40.886	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	2143882	41.276	ng/ul	97
92) Dibenzo(a,h)anthracene	25.76	278	1792318	40.978	ng/ul	98
93) Benzo(g,h,i)perylene	26.43	276	1732325	40.820	ng/ul	98

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

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