Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005070.D
Acq On : 29 Mar 2021 10:28
Operator : CG/JU
Sample : SSTD00576
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD00576

Manual Integrations APPROVED

mohammad

3/30/2021 4:11:47 PM

Quant Time: Mar 29 12:16:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 29 12:06:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	24524	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	96014	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	62165	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	137289	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	142786	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	148460	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1454	2.18	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.25	132	6859	4.60	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.88	128	3369	4.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	3563	4.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	6953	4.49	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.78	166	21419	4.76	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	26368	4.74	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.37	176	19174	4.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.23	188	30821m	4.96	ng/ul	0.00
79) Pyrene-d10	19.47	212	33583	4.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	36039	4.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	1359	1.950	ng/uL	90
10) 2-Chlorophenol	7.28	128	7724	4.899	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.52	70	6539	4.786	ng/ul	93
17) Hexachloroethane	8.79	117	3600	5.074	ng/ul	93
20) Nitrobenzene	8.92	77	9795	4.696	ng/ul#	83
21) Isophorone	9.44	82	16210	4.488	ng/ul#	96
23) 2-Nitrophenol	9.62	139	3908	4.539	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	9546	4.678	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.93	93	10250	4.731	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	7310	4.769	ng/ul	95
28) Naphthalene	10.55	128	25219	4.992	ng/ul	98
31) Hexachlorobutadiene	10.84	225	5483	5.055	ng/ul	93
33) 4-Chloro-3-methylphenol	11.80	107	7842	4.312	ng/ul#	79
34) 2-Methylnaphthalene	12.18	142	18272	5.080	ng/ul	97
35) 1-Methylnaphthalene	12.39	142	16610	4.806	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	10344	5.058	ng/ul#	93
39) 2,4,6-Trichlorophenol	12.79	196	5879	4.595	ng/ul	98
40) 2,4,5-Trichlorophenol	12.87	196	6073	4.525	ng/ul	98
41) 1,1'-Biphenyl	13.20	154	23194	4.995	ng/ul	92
42) 2-Chloronaphthalene	13.24	162	17977	4.847	ng/ul#	91
43) 2-Nitroaniline	13.45	65	4611	4.149	ng/ul#	90
45) Dimethylphthalate	13.83	163	22632	4.938	ng/ul	95
46) 2,6-Dinitrotoluene	13.95	165	4200	4.376	ng/ul	93

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48) Acenaphthylene	14.09	152	25591	4.794	ng/ul	99
50) Acenaphthene	14.43	153	19127	5.050	ng/ul	95
54) Dibenzofuran	14.77	168	27616	4.985	ng/ul	95
55) 2,4-Dinitrotoluene	14.74	165	5878	4.316	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.00	232	5799	4.624	ng/ul#	98
57) Diethylphthalate	15.20	149	22080	4.882	ng/ul	99
59) Fluorene	15.42	166	22946	4.956	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	12091	4.882	ng/ul	96
65) N-Nitrosodiphenylamine	15.64	169	18591	4.625	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	7339	5.003	ng/ul	95
67) Hexachlorobenzene	16.43	284	8629	5.078	ng/ul	98
70) Phenanthrene	17.17	178	36819	4.924	ng/ul	96
72) Anthracene	17.26	178	36383	4.780	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	10138	4.749	ng/uL	95
74) Pentachlorobenzene	14.69	250	10000	4.898	ng/uL	99
76) Di-n-butylphthalate	18.10	149	32310	4.295	ng/ul	98
80) Pyrene	19.50	202	44151	5.014	ng/ul	99
81) Butylbenzylphthalate	20.38	149	14666	4.536	ng/ul	99
83) Benzo(a)anthracene	21.21	228	44413	5.034	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.14	149	20860	4.289	ng/ul	96
85) Chrysene	21.26	228	43600	5.099	ng/ul	96
88) Benzo(b)fluoranthene	22.82	252	47023	4.798	ng/ul	100
89) Benzo(k)fluoranthene	22.86	252	44015	4.652	ng/ul	95
91) Benzo(a)pyrene	23.41	252	39614	4.705	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.84	276	49445	4.592	ng/ul	98
93) Dibenzo(a,h)anthracene	25.86	278	40671	4.472	ng/ul	97
94) Benzo(g,h,i)perylene	26.57	276	43511	4.855	ng/ul	99

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

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