Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010421\
Data File : BP004470.D
Acq On : 04 Jan 2021 12:28
Operator : CG/JU
Sample : SSTD00502
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD005002

Quant Time: Jan 04 16:43:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP010421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 04 16:26:51 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	196415	20.00	ng/ul	0.00
20) Naphthalene-d8	10.62	136	774123	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.47	164	484853	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1089849	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1207744	20.00	ng/ul	0.00
88) Perylene-d12	23.68	264	1282722	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	9691	1.90	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.35	132	61515	4.50	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.98	128	30374	4.81	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	29535	5.13	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.24	165	61172	4.82	ng/ul	0.01
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.87	166	191090	4.96	ng/ul	0.00
49) Acenaphthylene-d8	14.16	160	234321	4.95	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.46	176	166906	4.96	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.33	188	260907	4.87	ng/ul	0.00
81) Pyrene-d10	19.57	212	301842	4.75	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.53	264	327151	4.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	10052	1.814	ng/uL#	84
12) 2-Chlorophenol	7.38	128	63173	4.573	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.62	70	44672	3.968	ng/ul	99
19) Hexachloroethane	8.90	117	28896	4.884	ng/ul	99
22) Nitrobenzene	9.02	77	73366	4.769	ng/ul	97
23) Isophorone	9.54	82	133994	4.311	ng/ul	99
25) 2-Nitrophenol	9.73	139	32906	5.330	ng/ul	93
26) 2,4-Dimethylphenol	9.79	107	65692	4.387	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.02	93	86996	4.705	ng/ul	98
29) 2,4-Dichlorophenol	10.26	162	59841	4.885	ng/ul	98
30) Naphthalene	10.66	128	218215	5.041	ng/ul	98
33) Hexachlorobutadiene	10.95	225	46870	5.331	ng/ul	98
35) 4-Chloro-3-methylphenol	11.90	107	56127	4.127	ng/ul	99
36) 2-Methylnaphthalene	12.28	142	147861	4.849	ng/ul	98
37) 1-Methylnaphthalene	12.50	142	142117	4.849	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	87223	5.357	ng/ul	99
41) 2,4,6-Trichlorophenol	12.89	196	46289	4.937	ng/ul	98
42) 2,4,5-Trichlorophenol	12.97	196	47929	4.747	ng/ul	98
43) 1,1'-Biphenyl	13.29	154	199339	5.141	ng/ul	98
44) 2-Chloronaphthalene	13.34	162	159031	5.173	ng/ul	99
45) 2-Nitroaniline	13.54	65	31783	4.210	ng/ul	90
47) Dimethylphthalate	13.92	163	192658	4.928	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	14.04	165	32373	4.563	ng/ul#	82
50) Acenaphthylene	14.19	152	234894	5.010	ng/ul	100
52) Acenaphthene	14.53	153	166938	5.047	ng/ul	98
56) Dibenzofuran	14.87	168	238784	5.208	ng/ul	98
57) 2,4-Dinitrotoluene	14.84	165	48579	5.013	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.10	232	41796	5.075	ng/ul	97
59) Diethylphthalate	15.29	149	185125	4.691	ng/ul	99
61) Fluorene	15.52	166	193268	5.080	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.52	204	105900	5.335	ng/ul	99
67) N-Nitrosodiphenylamine	15.73	169	156295	4.660	ng/ul	98
68) 4-Bromophenyl-phenylether	16.42	248	64374	4.935	ng/ul	99
69) Hexachlorobenzene	16.53	284	78332	5.385	ng/ul	100
72) Phenanthrene	17.27	178	318317	5.077	ng/ul	100
74) Anthracene	17.36	178	322845	5.055	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.26	216	86257	5.214	ng/uL	99
76) Pentachlorobenzene	14.79	250	88668	5.302	ng/uL	98
78) Di-n-butylphthalate	18.19	149	300468	4.250	ng/ul	100
80) Fluoranthene	19.25	202	375138	4.663	ng/ul	100
82) Pyrene	19.60	202	405591	4.963	ng/ul	99
83) Butylbenzylphthalate	20.47	149	124563	3.751	ng/ul	96
85) Benzo(a)anthracene	21.31	228	393436	4.843	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	200703	4.006	ng/ul	99
87) Chrysene	21.36	228	390922	5.024	ng/ul	99
90) Benzo(b)fluoranthene	22.96	252	392692	4.754	ng/ul	100
91) Benzo(k)fluoranthene	23.01	252	412104	5.151	ng/ul	99
93) Benzo(a)pyrene	23.57	252	372975	4.917	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.10	276	465147	4.788	ng/ul	99
95) Dibenzo(a,h)anthracene	26.12	278	388512	4.791	ng/ul	99
96) Benzo(g,h,i)perylene	26.84	276	388689	4.767	ng/ul	97

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

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