Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120420\
Data File : BP004146.D
Acq On : 04 Dec 2020 17:45
Operator : CG/JU
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD005011

Quant Time: Dec 05 02:57:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 02:39:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	291441	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1211963	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	791064	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.26	188	1750666	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	1921709	20.00	ng/ul	0.00
88) Perylene-d12	23.72	264	2130747	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	14821	1.97	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	7.38	132	101651	5.08	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.00	128	48242	4.74	ng/ul	0.00
24) 2-Nitrophenol-d4	9.73	143	43324	3.71	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	96831	4.54	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.90	166	320519	5.04	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	388514	5.13	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.49	176	282980	5.02	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.36	188	447595	5.19	ng/ul	0.00
81) Pyrene-d10	19.59	212	498476	4.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	574448	5.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	18003	2.308	ng/uL#	1
12) 2-Chlorophenol	7.41	128	101960	4.999	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.65	70	85057	5.232	ng/ul	96
19) Hexachloroethane	8.93	117	44192	4.991	ng/ul	97
22) Nitrobenzene	9.05	77	117745	4.531	ng/ul	96
23) Isophorone	9.57	82	244417	5.057	ng/ul#	95
25) 2-Nitrophenol	9.76	139	44173	3.600	ng/ul#	89
26) 2,4-Dimethylphenol	9.82	107	117378	4.799	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.06	93	142090	4.846	ng/ul#	88
29) 2,4-Dichlorophenol	10.29	162	93333	4.500	ng/ul#	91
30) Naphthalene	10.70	128	340313	4.953	ng/ul	99
33) Hexachlorobutadiene	10.99	225	69335	4.573	ng/ul	99
35) 4-Chloro-3-methylphenol	11.92	107	106509	4.705	ng/ul	99
36) 2-Methylnaphthalene	12.32	142	243433	5.073	ng/ul	100
37) 1-Methylnaphthalene	12.53	142	233508	5.033	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	129901	4.631	ng/ul	99
41) 2,4,6-Trichlorophenol	12.92	196	72256	4.404	ng/ul	99
42) 2,4,5-Trichlorophenol	12.99	196	77670	4.568	ng/ul	98
43) 1,1'-Biphenyl	13.33	154	317482	4.942	ng/ul	99
44) 2-Chloronaphthalene	13.37	162	251132	4.878	ng/ul	98
45) 2-Nitroaniline	13.56	65	54299	3.538	ng/ul	98
47) Dimethylphthalate	13.95	163	325252	5.037	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	14.06	165	49732	3.750	ng/ul#	96
50) Acenaphthylene	14.22	152	390106	5.161	ng/ul	99
52) Acenaphthene	14.56	153	272514	5.062	ng/ul	98
56) Dibenzofuran	14.90	168	379171	5.007	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	64125	3.390	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	62706	4.650	ng/ul#	99
59) Diethylphthalate	15.33	149	327096	5.133	ng/ul	99
61) Fluorene	15.55	166	320697	5.136	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.55	204	166454	5.024	ng/ul	98
67) N-Nitrosodiphenylamine	15.76	169	273343	5.003	ng/ul	97
68) 4-Bromophenyl-phenylether	16.45	248	105226	5.039	ng/ul	96
69) Hexachlorobenzene	16.56	284	116469	4.991	ng/ul	98
72) Phenanthrene	17.30	178	512999	5.029	ng/ul	100
74) Anthracene	17.39	178	533227	5.122	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	129805	4.550	ng/uL	99
76) Pentachlorobenzene	14.82	250	133963	4.766	ng/uL	99
78) Di-n-butylphthalate	18.23	149	593605	5.312	ng/ul	99
80) Fluoranthene	19.27	202	634567	4.654	ng/ul	100
82) Pyrene	19.62	202	663456	4.756	ng/ul	99
83) Butylbenzylphthalate	20.51	149	256763	4.491	ng/ul	100
85) Benzo(a)anthracene	21.33	228	657911	4.981	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.28	149	398308	4.730	ng/ul#	99
87) Chrysene	21.39	228	632318	4.962	ng/ul	99
90) Benzo(b)fluoranthene	22.99	252	680535	4.816	ng/ul	99
91) Benzo(k)fluoranthene	23.04	252	686836	5.030	ng/ul	99
93) Benzo(a)pyrene	23.60	252	638326	4.977	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.14	276	806576	5.196	ng/ul	99
95) Dibenzo(a,h)anthracene	26.16	278	681523	5.160	ng/ul	97
96) Benzo(g,h,i)perylene	26.88	276	681129	5.226	ng/ul	99

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

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