Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
Data File : BN012731.D
Acq On : 25 Nov 2020 14:41
Operator : CG/JU
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD005101

Quant Time: Nov 25 16:44:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 16:31:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	104976	20.00	ng/ul	0.00
20) Naphthalene-d8	10.19	136	423662	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.08	164	273223	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.84	188	562144	20.00	ng/ul	0.00
79) Chrysene-d12	21.06	240	605415	20.00	ng/ul	0.00
88) Perylene-d12	23.17	264	690260	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	6036	2.52	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	6.96	132	34193	4.69	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.58	128	15323	4.46	ng/ul	0.00
24) 2-Nitrophenol-d4	9.29	143	15517	4.00	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.82	165	32088	4.34	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.50	166	108138	4.81	ng/ul	0.00
49) Acenaphthylene-d8	13.77	160	119002	4.40	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.09	176	88686	4.62	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	16.93	188	134684	4.82	ng/ul	0.00
81) Pyrene-d10	19.24	212	146405	3.85	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.03	264	169841	4.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	5961	2.342	ng/uL	93
12) 2-Chlorophenol	6.99	128	35905	4.775	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.23	70	29745	3.963	ng/ul	93
19) Hexachloroethane	8.48	117	17835	4.849	ng/ul	89
22) Nitrobenzene	8.62	77	47884	4.573	ng/ul	96
23) Isophorone	9.14	82	79691	4.132	ng/ul	98
25) 2-Nitrophenol	9.32	139	18593	4.518	ng/ul	92
26) 2,4-Dimethylphenol	9.39	107	39783	4.211	ng/ul	91
27) Bis(2-Chloroethoxy)methane	9.63	93	47933	4.357	ng/ul	97
29) 2,4-Dichlorophenol	9.85	162	31501	4.390	ng/ul	95
30) Naphthalene	10.23	128	116526	4.939	ng/ul	98
33) Hexachlorobutadiene	10.52	225	23278	4.430	ng/ul#	87
35) 4-Chloro-3-methylphenol	11.49	107	34341	3.924	ng/ul	97
36) 2-Methylnaphthalene	11.86	142	80851	4.752	ng/ul	99
37) 1-Methylnaphthalene	12.09	142	77196	4.745	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.25	216	41670	4.481	ng/ul	95
41) 2,4,6-Trichlorophenol	12.50	196	22627	3.693	ng/ul	89
42) 2,4,5-Trichlorophenol	12.57	196	27924	4.222	ng/ul	90
43) 1,1'-Biphenyl	12.90	154	106603	4.738	ng/ul	99
44) 2-Chloronaphthalene	12.95	162	81900	4.567	ng/ul	98
45) 2-Nitroaniline	13.16	65	22640	3.496	ng/ul	88
47) Dimethylphthalate	13.55	163	106253	4.566	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	13.67	165	18966	4.045	ng/ul#	96
50) Acenaphthylene	13.80	152	122803	4.634	ng/ul	94
52) Acenaphthene	14.15	153	92123	4.928	ng/ul	97
56) Dibenzofuran	14.49	168	126973	4.868	ng/ul	99
57) 2,4-Dinitrotoluene	14.47	165	25602	3.877	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.72	232	22154	3.942	ng/ul	99
59) Diethylphthalate	14.93	149	107682	4.472	ng/ul	98
61) Fluorene	15.14	166	105556	4.857	ng/ul	90
62) 4-Chlorophenyl-phenylether	15.15	204	48981	4.401	ng/ul	94
67) N-Nitrosodiphenylamine	15.36	169	80910	4.585	ng/ul	94
68) 4-Bromophenyl-phenylether	16.04	248	31287	4.836	ng/ul	96
69) Hexachlorobenzene	16.15	284	36465	5.136	ng/ul	90
72) Phenanthrene	16.88	178	166689	5.028	ng/ul	99
74) Anthracene	16.97	178	164719	4.859	ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	12.87	216	41223	4.590	ng/uL	91
76) Pentachlorobenzene	14.40	250	43210	4.988	ng/uL	97
78) Di-n-butylphthalate	17.83	149	173230	4.444	ng/ul	97
80) Fluoranthene	18.91	202	191426	3.827	ng/ul	100
82) Pyrene	19.27	202	202233	4.012	ng/ul	99
83) Butylbenzylphthalate	20.21	149	72686	3.326	ng/ul	94
85) Benzo(a)anthracene	21.04	228	197491	4.644	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	20.99	149	125444	4.162	ng/ul#	99
87) Chrysene	21.09	228	195541	4.796	ng/ul	98
90) Benzo(b)fluoranthene	22.54	252	200591	4.153	ng/ul	98
91) Benzo(k)fluoranthene	22.58	252	206652	4.571	ng/ul	96
93) Benzo(a)pyrene	23.07	252	191994	4.533	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.24	276	241763	5.037	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.26	278	208510	5.177	ng/ul	99
96) Benzo(g,h,i)perylene	25.87	276	206269	5.256	ng/ul	94

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

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