Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112720\
Data File : BN012746.D
Acq On : 27 Nov 2020 10:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02072

Manual Integrations APPROVED
mohammad
11/30/2020 12:00:47 PM

Quant Time: Nov 27 10:58:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 27 10:53:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	90121	20.00	ng/ul	0.00
20) Naphthalene-d8	10.19	136	391396	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.08	164	270334	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.84	188	599752	20.00	ng/ul	0.00
79) Chrysene-d12	21.06	240	661475	20.00	ng/ul	0.00
88) Perylene-d12	23.16	264	705876	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	19899m	7.95	ng/uL	0.00
4) Pyridine-d5	3.36	84	132189	19.54	ng/ul	0.00
7) Phenol-d5	6.61	99	157242	19.49	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.78	67	100134	19.90	ng/ul	0.00
11) 2-Chlorophenol-d4	6.96	132	127402	20.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.13	113	129299	19.68	ng/ul	0.00
21) Nitrobenzene-d5	8.58	128	62552	19.97	ng/ul	0.00
24) 2-Nitrophenol-d4	9.29	143	66399	19.21	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.82	165	135813	20.68	ng/ul	0.00
31) 4-Chloroaniline-d4	10.34	131	175873	19.14	ng/ul	0.00
46) Dimethylphthalate-d6	13.50	166	437178	19.89	ng/ul	0.00
49) Acenaphthylene-d8	13.77	160	504031	19.65	ng/ul	0.00
54) 4-Nitrophenol-d4	14.30	143	73467	18.89	ng/ul	0.00
60) Fluorene-d10	15.09	176	381912	20.58	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.22	200	76845	18.74	ng/ul	0.00
73) Anthracene-d10	16.93	188	618057	20.62	ng/ul	0.00
81) Pyrene-d10	19.25	212	664823	20.16	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.03	264	761448	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	21880	8.406	ng/uL	97
5) Pyridine	3.38	79	137785	19.774	ng/ul	98
6) Benzaldehyde	6.58	77	79953	22.087	ng/ul	89
8) Phenol	6.63	94	163652	19.440	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.86	93	128013	19.123	ng/ul	98
12) 2-Chlorophenol	6.99	128	130948	20.054	ng/ul	97
13) 2-Methylphenol	7.87	108	120041	19.174	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	7.96	45	190163	20.148	ng/ul	96
16) Acetophenone	8.25	105	218264	20.003	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.23	70	119619	21.146	ng/ul	94
18) 4-Methylphenol	8.20	108	132894	19.489	ng/ul	90
19) Hexachloroethane	8.48	117	61810	19.691	ng/ul	95
22) Nitrobenzene	8.62	77	183615	20.228	ng/ul	99
23) Isophorone	9.14	82	323029	20.300	ng/ul	100
25) 2-Nitrophenol	9.32	139	76018	20.147	ng/ul	89
26) 2,4-Dimethylphenol	9.39	107	165671	20.298	ng/ul	93
27) Bis(2-Chloroethoxy)methane	9.62	93	177041	19.316	ng/ul	93
29) 2,4-Dichlorophenol	9.85	162	131798	20.339	ng/ul	96
30) Naphthalene	10.23	128	451084	20.278	ng/ul	99
32) 4-Chloroaniline	10.36	127	174893	19.536	ng/ul	90
33) Hexachlorobutadiene	10.52	225	91370	20.727	ng/ul	94
34) Caprolactam	11.13	113	39321m	18.599	ng/ul	

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.49	107	152098	20.448	ng/ul	99
36) 2-Methylnaphthalene	11.86	142	316144	20.150	ng/ul	95
37) 1-Methylnaphthalene	12.09	142	309759	20.481	ng/ul	93
39) 1,2,4,5-Tetrachlorobenzene	12.25	216	165254	19.428	ng/ul	96
40) Hexachlorocyclopentadiene	12.22	237	99926	19.267	ng/ul	97
41) 2,4,6-Trichlorophenol	12.49	196	106618	19.681	ng/ul	91
42) 2,4,5-Trichlorophenol	12.56	196	116956	19.809	ng/ul	97
43) 1,1'-Biphenyl	12.90	154	429327	19.575	ng/ul	98
44) 2-Chloronaphthalene	12.94	162	340304	19.631	ng/ul	94
45) 2-Nitroaniline	13.16	65	115725	20.383	ng/ul	95
47) Dimethylphthalate	13.55	163	443955	19.726	ng/ul	100
48) 2,6-Dinitrotoluene	13.67	165	88703	19.919	ng/ul	99
50) Acenaphthylene	13.80	152	513376	19.485	ng/ul	100
51) 3-Nitroaniline	14.00	138	66546	18.292	ng/ul	88
52) Acenaphthene	14.15	153	381507	19.771	ng/ul	96
53) 2,4-Dinitrophenol	14.22	184	47777	17.363	ng/ul	97
55) 4-Nitrophenol	14.32	109	81799	20.134	ng/ul	91
56) Dibenzofuran	14.49	168	527611	19.779	ng/ul	98
57) 2,4-Dinitrotoluene	14.47	165	133230	20.524	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.72	232	105111	20.552	ng/ul	97
59) Diethylphthalate	14.93	149	466460	19.964	ng/ul	96
61) Fluorene	15.14	166	460528	20.429	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.15	204	225975	21.046	ng/ul	99
63) 4-Nitroaniline	15.17	138	67539m	18.357	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.23	198	79683	18.005	ng/ul	90
67) N-Nitrosodiphenylamine	15.36	169	377322	20.225	ng/ul	99
68) 4-Bromophenyl-phenylether	16.04	248	139671	20.633	ng/ul	96
69) Hexachlorobenzene	16.14	284	153986	19.381	ng/ul	98
70) Atrazine	16.32	200	141198	19.379	ng/ul	97
71) Pentachlorophenol	16.49	266	90368	18.540	ng/ul	92
72) Phenanthrene	16.88	178	738704	20.201	ng/ul	97
74) Anthracene	16.97	178	768985	20.737	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.86	216	167321	19.481	ng/uL	86
76) Pentachlorobenzene	14.40	250	181180	19.936	ng/uL	96
77) Carbazole	17.25	167	644003	19.774	ng/ul	97
78) Di-n-butylphthalate	17.83	149	838975	20.248	ng/ul	98
80) Fluoranthene	18.91	202	870652	20.143	ng/ul	98
82) Pyrene	19.27	202	918401	20.236	ng/ul	97
83) Butylbenzylphthalate	20.20	149	384349	19.900	ng/ul	95
84) 3,3'-Dichlorobenzidine	20.98	252	296098	19.111	ng/ul	97
85) Benzo(a)anthracene	21.04	228	885061	20.029	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	20.99	149	603246	19.292	ng/ul	98
87) Chrysene	21.09	228	873809	20.321	ng/ul	97
89) Di-n-octyl phthalate	21.84	149	1024788	18.642	ng/ul	100
90) Benzo(b)fluoranthene	22.54	252	961290	20.949	ng/ul	98
91) Benzo(k)fluoranthene	22.58	252	935819	20.317	ng/ul	98
93) Benzo(a)pyrene	23.07	252	894944	20.959	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.23	276	1135608	20.824	ng/ul	97
95) Dibenzo(a,h)anthracene	25.25	278	924804	20.088	ng/ul	98
96) Benzo(g,h,i)perylene	25.87	276	949677	21.078	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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