Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
Data File : BN008755.D
Acq On : 27 Nov 2019 13:44
Operator : JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD04056

Manual Integrations APPROVED
Sohil
11/29/2019 8:48:44 AM

Quant Time: Nov 27 14:16:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 13:25:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	336346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1611974	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1167977	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	2698186	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	2555187	20.00	ng/ul	0.00
85) Perylene-d12	23.32	264	3089539	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	125496	15.13	ng/uL	0.00
5) Phenol-d5	6.77	99	1423755	48.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	866793	47.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	993953	43.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1129673	49.26	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	521166	47.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	574870	55.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1118054	42.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	1533145	49.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	3729935	40.35	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	4230628	40.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	787693	54.98	ng/ul	0.00
57) Fluorene-d10	15.21	176	3139559	40.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	659419	64.02	ng/ul	0.00
70) Anthracene-d10	17.06	188	5027899	39.32	ng/ul	0.00
78) Pyrene-d10	19.36	212	5755564	39.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.19	264	6467354	40.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	132889	15.864	ng/uL	97
4) Benzaldehyde	6.74	77	828745	49.036	ng/ul	99
6) Phenol	6.80	94	1452899	47.687	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	1056679	45.213	ng/ul	95
10) 2-Chlorophenol	7.16	128	1021629	43.988	ng/ul	98
11) 2-Methylphenol	8.03	108	1073055	46.964	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	2083068	54.064	ng/ul	99
14) Acetophenone	8.40	105	1753004	47.393	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	959478	49.552	ng/ul	99
16) 4-Methylphenol	8.36	108	1213540	49.166	ng/ul	96
17) Hexachloroethane	8.66	117	386938	38.920	ng/ul	92
20) Nitrobenzene	8.77	77	1330146	44.031	ng/ul	99
21) Isophorone	9.30	82	2730166	42.811	ng/ul	98
23) 2-Nitrophenol	9.47	139	615623	52.881	ng/ul	93
24) 2,4-Dimethylphenol	9.55	107	1342085	40.451	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	1601346	43.057	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	1082229	42.343	ng/ul	95
28) Naphthalene	10.40	128	3470004	40.914	ng/ul	99
30) 4-Chloroaniline	10.50	127	1522453	48.281	ng/ul	97
31) Hexachlorobutadiene	10.70	225	581271	33.675	ng/ul	97
32) Caprolactam	11.28	113	451909m	53.157	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	1384744	45.576	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	2628447	42.198	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	1278369	35.899 ng/ul	96
37) Hexachlorocyclopentadiene	12.38	237	704166	33.336 ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	915467	41.835 ng/ul	99
39) 2,4,5-Trichlorophenol	12.71	196	1018269	43.538 ng/ul	96
40) 1,1'-Biphenyl	13.05	154	3528081	39.211 ng/ul	98
41) 2-Chloronaphthalene	13.08	162	2667355	38.653 ng/ul	99
42) 2-Nitroaniline	13.29	65	1073981	57.909 ng/ul	98
44) Dimethylphthalate	13.68	163	3667557	40.975 ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	766566	56.925 ng/ul	97
47) Acenaphthylene	13.93	152	4302615	40.419 ng/ul	98
48) 3-Nitroaniline	14.12	138	794060	56.581 ng/ul	100
49) Acenaphthene	14.28	153	2986211	40.727 ng/ul	99
50) 2,4-Dinitrophenol	14.33	184	442431	71.555 ng/ul	97
52) 4-Nitrophenol	14.45	109	593318	42.174 ng/ul	94
53) Dibenzofuran	14.62	168	4290311	40.492 ng/ul	95
54) 2,4-Dinitrotoluene	14.59	165	1141514	57.497 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.85	232	882917	45.796 ng/ul#	98
56) Diethylphthalate	15.06	149	3773279	40.983 ng/ul	100
58) Fluorene	15.27	166	3474331	41.470 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	1670802	40.066 ng/ul	99
60) 4-Nitroaniline	15.29	138	928495	55.496 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.35	198	692877	60.219 ng/ul	98
64) N-Nitrosodiphenylamine	15.48	169	3194172	39.528 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	1079680	38.690 ng/ul	99
66) Hexachlorobenzene	16.27	284	1137277	38.535 ng/ul	99
67) Atrazine	16.44	200	1186244	40.274 ng/ul	98
68) Pentachlorophenol	16.62	266	770825	45.626 ng/ul	98
69) Phenanthrene	17.00	178	5924854	40.539 ng/ul	99
71) Anthracene	17.09	178	5997761	40.160 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	1331314	35.642 ng/uL	96
73) Pentachlorobenzene	14.54	250	1330112	36.455 ng/uL	97
74) Carbazole	17.36	167	5702374	42.730 ng/ul	99
75) Di-n-butylphthalate	17.94	149	6738155	40.300 ng/ul	100
76) Fluoranthene	19.02	202	7178357	42.756 ng/ul	97
79) Pyrene	19.39	202	7270391	39.752 ng/ul	99
80) Butylbenzylphthalate	20.32	149	3194221	47.258 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.08	252	2590199	43.455 ng/ul	98
82) Benzo(a)anthracene	21.14	228	7277531	40.508 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	4700672	42.422 ng/ul	99
84) Chrysene	21.20	228	6670392	39.645 ng/ul	99
86) Di-n-octyl phthalate	21.97	149	8186408	40.777 ng/ul	100
87) Benzo(b)fluoranthene	22.69	252	7442846	38.602 ng/ul	99
88) Benzo(k)fluoranthene	22.73	252	7141550	39.345 ng/ul	98
90) Benzo(a)pyrene	23.23	252	7225026	39.404 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.46	276	8483433	40.409 ng/ul	97
92) Dibenzo(a,h)anthracene	25.47	278	7194335	40.802 ng/ul	98
93) Benzo(g,h,i)perylene	26.11	276	7185335	40.784 ng/ul	97

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

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