Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
Data File : BN008756.D
Acq On : 27 Nov 2019 14:20
Operator : JU
Sample : SSTD08057
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08057

Manual Integrations APPROVED
Sohil
11/29/2019 8:48:47 AM

Quant Time: Nov 27 14:52:49 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	379075	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1787681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1273603	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	2963322	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	2681011	20.00	ng/ul	0.01
85) Perylene-d12	23.33	264	3226514	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	258260	27.63	ng/uL	0.00
5) Phenol-d5	6.78	99	3115707	93.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	1852941	90.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	2176367	85.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	2414900	93.44	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	1147025	94.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	1269698	111.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	2368197	81.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	2961309	86.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	7503866	74.44	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	8643635	75.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	1660862	106.30	ng/ul	0.02
57) Fluorene-d10	15.22	176	6322245	75.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	1450234	128.20	ng/ul	0.01
70) Anthracene-d10	17.06	188	9892816	70.44	ng/ul	0.00
78) Pyrene-d10	19.36	212	11194280	73.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.20	264	12644751	75.46	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	279048	29.557	ng/uL	92
4) Benzaldehyde	6.74	77	1491017	78.278	ng/ul	98
6) Phenol	6.80	94	3147915	91.675	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	2253938	85.570	ng/ul	96
10) 2-Chlorophenol	7.16	128	2203603	84.185	ng/ul	99
11) 2-Methylphenol	8.03	108	2321366	90.146	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	4351079	100.198	ng/ul	99
14) Acetophenone	8.40	105	3623828	86.928	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.41	70	1982902	90.864	ng/ul	98
16) 4-Methylphenol	8.37	108	2579832	92.739	ng/ul	99
17) Hexachloroethane	8.65	117	832900	74.334	ng/ul	96
20) Nitrobenzene	8.77	77	2843515	84.876	ng/ul	98
21) Isophorone	9.31	82	5706774	80.691	ng/ul	98
23) 2-Nitrophenol	9.47	139	1340454	103.825	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	2839796	77.180	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	3335745	80.877	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	2303318	81.261	ng/ul	97
28) Naphthalene	10.40	128	7246575	77.045	ng/ul	99
30) 4-Chloroaniline	10.51	127	2942518	84.143	ng/ul	99
31) Hexachlorobutadiene	10.70	225	1220053	63.734	ng/ul	99
32) Caprolactam	11.31	113	976752m	103.601	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	2908530	86.319	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	5431088	78.622	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	2632291	67.789 ng/ul	99
37) Hexachlorocyclopentadiene	12.38	237	1544341	67.047 ng/ul	99
38) 2,4,6-Trichlorophenol	12.64	196	1897605	79.524 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	2107264	82.628 ng/ul	98
40) 1,1'-Biphenyl	13.05	154	7027192	71.623 ng/ul	99
41) 2-Chloronaphthalene	13.08	162	5462278	72.590 ng/ul	98
42) 2-Nitroaniline	13.29	65	2332183	115.322 ng/ul	97
44) Dimethylphthalate	13.69	163	7338046	75.184 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	1648713	112.279 ng/ul	94
47) Acenaphthylene	13.94	152	8641986	74.450 ng/ul	97
48) 3-Nitroaniline	14.12	138	1597906	104.416 ng/ul	97
49) Acenaphthene	14.28	153	6004589	75.100 ng/ul	98
50) 2,4-Dinitrophenol	14.33	184	1040198	154.280 ng/ul	96
52) 4-Nitrophenol	14.46	109	1235595	80.544 ng/ul	96
53) Dibenzofuran	14.62	168	8637197	74.757 ng/ul	98
54) 2,4-Dinitrotoluene	14.59	165	2419358	111.754 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.85	232	1857534	88.357 ng/ul	99
56) Diethylphthalate	15.07	149	7620705	75.906 ng/ul	99
58) Fluorene	15.27	166	6767009	74.072 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	3232057	71.078 ng/ul	97
60) 4-Nitroaniline	15.30	138	1872641	102.645 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.36	198	1479884	117.110 ng/ul#	97
64) N-Nitrosodiphenylamine	15.49	169	6308634	71.085 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	2191295	71.499 ng/ul	96
66) Hexachlorobenzene	16.27	284	2318409	71.527 ng/ul	98
67) Atrazine	16.45	200	2385460	73.743 ng/ul	97
68) Pentachlorophenol	16.62	266	1667226	89.855 ng/ul	95
69) Phenanthrene	17.00	178	11550638	71.961 ng/ul	98
71) Anthracene	17.10	178	11510726	70.178 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	2685857	65.472 ng/uL	97
73) Pentachlorobenzene	14.55	250	2764925	68.999 ng/uL	97
74) Carbazole	17.37	167	11200806	76.422 ng/ul	99
75) Di-n-butylphthalate	17.95	149	12486644	67.999 ng/ul#	93
76) Fluoranthene	19.03	202	13109241	71.096 ng/ul#	92
79) Pyrene	19.39	202	12744540	66.413 ng/ul#	91
80) Butylbenzylphthalate	20.32	149	6581671	92.804 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.09	252	4953269	79.199 ng/ul	97
82) Benzo(a)anthracene	21.15	228	12972738	68.820 ng/ul#	86
83) Bis(2-ethylhexyl)phthalate	21.11	149	9159782	78.784 ng/ul	98
84) Chrysene	21.20	228	11973253	67.822 ng/ul	91
86) Di-n-octyl phthalate	21.97	149	13004530	62.026 ng/ul	100
87) Benzo(b)fluoranthene	22.69	252	14885770	73.927 ng/ul	95
88) Benzo(k)fluoranthene	22.74	252	12927084	68.195 ng/ul	98
90) Benzo(a)pyrene	23.24	252	13815176	72.147 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.47	276	16479841	75.166 ng/ul	97
92) Dibenzo(a,h)anthracene	25.50	278	13741030	74.623 ng/ul	96
93) Benzo(g,h,i)perylene	26.13	276	14384979	78.184 ng/ul	97

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

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