Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
Data File : BN005836.D
Acq On : 21 May 2019 23:02
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02089

Manual Integrations APPROVED
mohammad
5/23/2019 4:02:27 AM

Quant Time: May 22 04:05:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 04:05:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	77484	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	312005	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	197324	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	502232	20.00	ng/ul	-0.01
77) Chrysene-d12	21.19	240	610367	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	700694	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	13015	9.40	ng/uL	0.00
5) Phenol-d5	6.76	99	113186	18.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	62021	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	96316	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	89297	17.44	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	45928	20.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	49858	19.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	102944	20.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	105687	19.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	313777	20.67	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	387789	21.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	29081	13.60	ng/ul	0.00
57) Fluorene-d10	15.20	176	275922	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	45033	14.92	ng/ul	0.00
70) Anthracene-d10	17.06	188	453472	20.90	ng/ul	-0.01
78) Pyrene-d10	19.37	212	563151	18.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	663796	21.12	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	14278	9.800	ng/uL	90
4) Benzaldehyde	6.73	77	79472	18.334	ng/ul	97
6) Phenol	6.79	94	116689	19.116	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.00	93	88270	19.733	ng/ul	94
10) 2-Chlorophenol	7.13	128	100059	20.520	ng/ul	94
11) 2-Methylphenol	8.01	108	88564	18.273	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.09	45	106194	18.054	ng/ul#	92
14) Acetophenone	8.38	105	154932	18.897	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.36	70	68619	17.332	ng/ul#	89
16) 4-Methylphenol	8.34	108	95699	17.940	ng/ul	100
17) Hexachloroethane	8.61	117	43718	20.895	ng/ul#	79
20) Nitrobenzene	8.75	77	113742	21.726	ng/ul	98
21) Isophorone	9.27	82	200786	19.236	ng/ul	95
23) 2-Nitrophenol	9.46	139	53671	19.713	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	113601	20.205	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.75	93	113642	19.254	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	98539	20.520	ng/ul	96
28) Naphthalene	10.37	128	305837	20.520	ng/ul	99
30) 4-Chloroaniline	10.50	127	106504	19.002	ng/ul	96
31) Hexachlorobutadiene	10.65	225	82676	23.603	ng/ul	98
32) Caprolactam	11.28	113	28707m	16.315	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	101420	18.671	ng/ul	96
34) 2-Methylnaphthalene	11.99	142	225087	19.555	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	148317	23.346	ng/ul	97
37) Hexachlorocyclopentadiene	12.34	237	43647	22.044	ng/ul	100
38) 2,4,6-Trichlorophenol	12.63	196	83020	21.111	ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	81631	19.760	ng/ul	99
40) 1,1'-Biphenyl	13.02	154	308797	21.521	ng/ul#	97
41) 2-Chloronaphthalene	13.06	162	240863	21.253	ng/ul	97
42) 2-Nitroaniline	13.29	65	60717	18.586	ng/ul	95
44) Dimethylphthalate	13.66	163	306823	20.496	ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	59048	18.720	ng/ul	97
47) Acenaphthylene	13.92	152	365075	20.551	ng/ul	98
48) 3-Nitroaniline	14.13	138	48848	17.575	ng/ul#	97
49) Acenaphthene	14.26	153	250414	20.805	ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	31830	19.610	ng/ul	91
52) 4-Nitrophenol	14.47	109	31302	15.670	ng/ul#	81
53) Dibenzofuran	14.60	168	381424	21.359	ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	93043	19.684	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	14.85	232	79990	20.853	ng/ul	91
56) Diethylphthalate	15.04	149	312398	20.620	ng/ul	98
58) Fluorene	15.26	166	311409	21.439	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.26	204	173083	21.842	ng/ul	98
60) 4-Nitroaniline	15.31	138	51472	16.612	ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	15.39	198	45717	15.118	ng/ul#	97
64) N-Nitrosodiphenylamine	15.47	169	256967	19.770	ng/ul	95
65) 4-Bromophenyl-phenylether	16.15	248	115565	21.974	ng/ul	94
66) Hexachlorobenzene	16.27	284	128963	21.858	ng/ul	95
67) Atrazine	16.43	200	105936	19.423	ng/ul	99
68) Pentachlorophenol	16.63	266	44242	16.253	ng/ul	96
69) Phenanthrene	17.00	178	518035	20.808	ng/ul	99
71) Anthracene	17.09	178	530413	20.925	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	154752	22.984	ng/uL	99
73) Pentachlorobenzene	14.53	250	148650	22.385	ng/uL	98
74) Carbazole	17.38	167	451869	20.219	ng/ul	98
75) Di-n-butylphthalate	17.94	149	519823	19.472	ng/ul	99
76) Fluoranthene	19.04	202	686549	22.306	ng/ul#	88
79) Pyrene	19.40	202	698198	18.628	ng/ul#	87
80) Butylbenzylphthalate	20.32	149	238952	15.561	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.12	252	190624	14.868	ng/ul#	97
82) Benzo(a)anthracene	21.18	228	777029	20.207	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	359119	16.483	ng/ul#	96
84) Chrysene	21.23	228	759530	20.953	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	668715	17.886	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	817636	21.211	ng/ul#	96
88) Benzo(k)fluoranthene	22.79	252	807806	21.658	ng/ul#	97
90) Benzo(a)pyrene	23.30	252	801848	21.482	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.59	276	914783	20.045	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.59	278	776894	20.223	ng/ul#	93
93) Benzo(g,h,i)perylene	26.26	276	758060	19.872	ng/ul#	89

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

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