Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072619\
Data File : BM021672.D
Acq On : 26 Jul 2019 15:37
Operator : HP/JU
Sample : SSTD01035
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Manual Integrations APPROVED
mohammad
7/29/2019 5:28:03 PM

Quant Time: Jul 26 17:03:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 16:40:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	118689	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	465085	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	298668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	619207	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	615771	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	672816	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	10276	4.72	ng/uL	0.00
5) Phenol-d5	6.86	99	77879	7.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	46759	8.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	68034	8.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	63738	7.41	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	31346	9.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	33413	9.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	73458	8.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	64003	8.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	213234	8.33	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	251630	8.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	23047	5.25	ng/ul	0.00
57) Fluorene-d10	15.33	176	189508	8.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	23073	5.95	ng/ul	0.00
70) Anthracene-d10	17.18	188	285998	9.39	ng/ul	0.00
78) Pyrene-d10	19.48	212	313485	10.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	320081	8.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	9211	3.729	ng/uL#	81
4) Benzaldehyde	6.85	77	41296	9.732	ng/ul	98
6) Phenol	6.89	94	83464	8.618	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.12	93	64357	8.985	ng/ul	98
10) 2-Chlorophenol	7.25	128	72080	9.467	ng/ul	97
11) 2-Methylphenol	8.13	108	63093	8.328	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	86577	9.125	ng/ul	100
14) Acetophenone	8.52	105	114566	8.877	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.50	70	53890	8.488	ng/ul	99
16) 4-Methylphenol	8.46	108	70829	8.465	ng/ul	100
17) Hexachloroethane	8.74	117	34694	10.233	ng/ul	99
20) Nitrobenzene	8.89	77	87301	10.259	ng/ul	99
21) Isophorone	9.42	82	153627	9.509	ng/ul	99
23) 2-Nitrophenol	9.59	139	37573	9.784	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	83687	9.951	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.89	93	93273	9.792	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	74207	9.641	ng/ul	98
28) Naphthalene	10.51	128	242421	10.286	ng/ul	100
30) 4-Chloroaniline	10.65	127	69407	8.910	ng/ul	97
31) Hexachlorobutadiene	10.77	225	60109	11.059	ng/ul	96
32) Caprolactam	11.51	113	14763m	6.139	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	72862	8.871	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	176101	9.663	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	108402	10.523 ng/ul	96
37) Hexachlorocyclopentadiene	12.46	237	46525	9.427 ng/ul	100
38) 2,4,6-Trichlorophenol	12.75	196	60513	9.565 ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	65774	9.552 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	238514	10.318 ng/ul	99
41) 2-Chloronaphthalene	13.20	162	185232	10.042 ng/ul	99
42) 2-Nitroaniline	13.43	65	31570	7.656 ng/ul	97
44) Dimethylphthalate	13.79	163	224145	9.124 ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	30497	7.487 ng/ul	92
47) Acenaphthylene	14.05	152	273594	9.906 ng/ul	99
48) 3-Nitroaniline	14.26	138	21363	5.293 ng/ul	99
49) Acenaphthene	14.39	153	193222	9.538 ng/ul	99
50) 2,4-Dinitrophenol	14.48	184	12165	4.663 ng/ul	94
52) 4-Nitrophenol	14.57	109	22313	6.435 ng/ul	97
53) Dibenzofuran	14.73	168	284372	9.508 ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	51284	7.411 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.96	232	58620	8.935 ng/ul	98
56) Diethylphthalate	15.16	149	206615	8.678 ng/ul	99
58) Fluorene	15.38	166	225505	9.116 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	123770	9.002 ng/ul	98
60) 4-Nitroaniline	15.43	138	20866m	4.736 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.48	198	26799	6.991 ng/ul#	92
64) N-Nitrosodiphenylamine	15.60	169	184585	10.970 ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	76393	10.994 ng/ul	99
66) Hexachlorobenzene	16.37	284	90921	10.725 ng/ul	99
67) Atrazine	16.56	200	54540	8.736 ng/ul	97
68) Pentachlorophenol	16.73	266	44150	9.152 ng/ul	100
69) Phenanthrene	17.12	178	350650	10.379 ng/ul	99
71) Anthracene	17.22	178	355569	10.407 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	107620	12.981 ng/uL	99
73) Pentachlorobenzene	14.64	250	110024	11.790 ng/uL	99
74) Carbazole	17.50	167	283500	9.675 ng/ul	100
75) Di-n-butylphthalate	18.05	149	310805	10.096 ng/ul#	98
76) Fluoranthene	19.14	202	400787	9.570 ng/ul	99
79) Pyrene	19.51	202	424849	11.582 ng/ul	100
80) Butylbenzylphthalate	20.42	149	117671	10.227 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.20	252	81425	6.718 ng/ul	99
82) Benzo(a)anthracene	21.26	228	421304	10.437 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	175091	10.404 ng/ul	98
84) Chrysene	21.31	228	399399	10.375 ng/ul	100
86) Di-n-octyl phthalate	22.06	149	311570	10.240 ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	416833	10.247 ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	410064	10.276 ng/ul	98
90) Benzo(a)pyrene	23.41	252	391451	10.022 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.75	276	449295	9.472 ng/ul	99
92) Dibenzo(a,h)anthracene	25.76	278	365903	9.172 ng/ul	98
93) Benzo(g,h,i)perylene	26.44	276	375538	9.775 ng/ul	100

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

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