Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023345.D
Acq On : 23 Oct 2019 17:05
Operator : JU
Sample : SSTD04010
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04010

Manual Integrations APPROVED
mohammad
10/24/2019 5:02:36 PM

Quant Time: Oct 23 18:01:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 17:01:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	556393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2503517	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1679192	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3531131	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	3190816	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	3014633	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	188454	14.91	ng/uL	0.00
5) Phenol-d5	6.82	99	1970606	40.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	1147900	41.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	1538364	41.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	1626384	41.78	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	784911	46.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	888237	55.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1745119	42.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	2155387	43.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	5301416	41.20	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	6110320	40.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	955165	45.85	ng/ul	0.01
58) Fluorene-d10	15.29	176	4474344	40.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	932511	66.61	ng/ul	0.00
71) Anthracene-d10	17.13	188	6887095	40.45	ng/ul	0.00
79) Pyrene-d10	19.43	212	7307085	47.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	6447041	42.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	196929	14.904	ng/uL	97
4) Benzaldehyde	6.79	77	1354314	42.533	ng/ul	99
6) Phenol	6.85	94	2038598	40.794	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	1577781	42.816	ng/ul	98
10) 2-Chlorophenol	7.21	128	1597063	41.201	ng/ul	100
11) 2-Methylphenol	8.09	108	1557208	40.650	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	2259870	42.013	ng/ul	100
14) Acetophenone	8.46	105	2553514	42.081	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	1388943	41.438	ng/ul	99
16) 4-Methylphenol	8.42	108	1731935	41.578	ng/ul	99
17) Hexachloroethane	8.72	117	650893	42.242	ng/ul	95
20) Nitrobenzene	8.83	77	1911321	42.233	ng/ul	97
21) Isophorone	9.37	82	3842981	39.478	ng/ul	99
23) 2-Nitrophenol	9.54	139	973594	52.448	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	1961233	39.750	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	2328880	43.078	ng/ul	98
27) 2,4-Dichlorophenol	10.07	162	1692485	42.232	ng/ul	99
28) Naphthalene	10.47	128	5253725	40.601	ng/ul	100
30) 4-Chloroaniline	10.58	127	2248959	43.563	ng/ul	99
31) Hexachlorobutadiene	10.77	225	1092502	40.466	ng/ul	99
32) Caprolactam	11.37	113	543271m	37.754	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	1877863	40.892	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	4026711	41.819	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	3875792	41.592	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	2192447	40.365	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	1411849	42.953	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	1469935	44.009	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	1576108	43.895	ng/ul	98
41) 1,1'-Biphenyl	13.12	154	5346897	41.849	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	4098475	41.419	ng/ul	99
43) 2-Nitroaniline	13.36	65	1198528	51.686	ng/ul	96
45) Dimethylphthalate	13.76	163	5284556	41.029	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	1110150	54.897	ng/ul	97
48) Acenaphthylene	14.01	152	6263336	40.588	ng/ul	100
49) 3-Nitroaniline	14.19	138	1076649	49.409	ng/ul	96
50) Acenaphthene	14.35	153	4368610	40.655	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	673688	73.134	ng/ul	94
53) 4-Nitrophenol	14.52	109	762601	40.639	ng/ul	98
54) Dibenzofuran	14.69	168	6290288	41.236	ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	1614958	54.596	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	1451257	46.426	ng/ul	95
57) Diethylphthalate	15.13	149	5403920	41.081	ng/ul	99
59) Fluorene	15.34	166	5118882	40.900	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	2721427	41.633	ng/ul	99
61) 4-Nitroaniline	15.36	138	1199598	45.754	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.43	198	1025003	62.530	ng/ul	96
65) N-Nitrosodiphenylamine	15.56	169	4574651	41.978	ng/ul	100
66) 4-Bromophenyl-phenylether	16.23	248	1877906	44.052	ng/ul	99
67) Hexachlorobenzene	16.35	284	2134000	44.140	ng/ul	97
68) Atrazine	16.52	200	1715741	41.135	ng/ul	99
69) Pentachlorophenol	16.69	266	1296512	47.876	ng/ul	99
70) Phenanthrene	17.08	178	8129340	41.022	ng/ul	99
72) Anthracene	17.17	178	8316789	40.613	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	2166479	42.251	ng/uL	98
74) Pentachlorobenzene	14.62	250	2313258	43.301	ng/uL	99
75) Carbazole	17.44	167	7355260	40.206	ng/ul	100
76) Di-n-butylphthalate	18.02	149	9191777	42.222	ng/ul	99
77) Fluoranthene	19.10	202	9486872	40.253	ng/ul	100
80) Pyrene	19.46	202	9431566	47.184	ng/ul	98
81) Butylbenzylphthalate	20.38	149	3994439	57.455	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.15	252	3431402	44.394	ng/ul	98
83) Benzo(a)anthracene	21.22	228	8767819	40.554	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	5625117	50.884	ng/ul	100
85) Chrysene	21.26	228	8087217	40.285	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	8663099	55.701	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	7886151	43.146	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	7751104	44.164	ng/ul	100
91) Benzo(a)pyrene	23.33	252	7295898	41.606	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.64	276	7868450	37.718	ng/ul	100
93) Dibenzo(a,h)anthracene	25.65	278	6656039	38.160	ng/ul	99
94) Benzo(g,h,i)perylene	26.31	276	6388199	37.193	ng/ul	98

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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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