Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060621\
Data File : BM030298.D
Acq On : 04 Jun 2021 16:16
Operator : CG/JU
Sample : SSTD01014
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010014

Manual Integrations APPROVED
mohammad
6/7/2021 12:27:25 PM

Quant Time: Jun 04 17:31:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 04 17:27:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	174601	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	704777	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	428039	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	825218	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	795809	20.000	ng/ul	0.00
88) Perylene-d12	23.650	264	767498	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	19871	4.658	ng/uL	0.00
4) Pyridine-d5	3.740	84	96948	8.106	ng/ul	0.01
7) Phenol-d5	7.010	99	126536	8.243	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	93398	9.639	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	104908	9.123	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	99262	8.143	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	45389	9.867	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	42464	9.692	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	99810	8.829	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	137837	8.210	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	293181	8.959	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	354609	8.407	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	40703	7.697	ng/ul	0.00
60) Fluorene-d10	15.463	176	259567	9.087	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	34738	8.683	ng/ul	0.00
73) Anthracene-d10	17.310	188	377248	9.237	ng/ul	0.00
81) Pyrene-d10	19.592	212	400197	9.382	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.503	264	372155	8.554	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	20083	4.377	ng/uL	94
5) Pyridine	3.758	79	110454	8.993	ng/ul	96
6) Benzaldehyde	6.993	77	62419	7.620	ng/ul	99
8) Phenol	7.034	94	133209	8.542	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.275	93	116942	9.342	ng/ul	97
12) 2-Chlorophenol	7.416	128	109210	9.274	ng/ul	99
13) 2-Methylphenol	8.287	108	95745	8.119	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	191958	9.228	ng/ul	97
16) Acetophenone	8.669	105	167566	8.505	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.651	70	84877	8.167	ng/ul	97
18) 4-Methylphenol	8.610	108	107088	8.434	ng/ul	97
19) Hexachloroethane	8.934	117	47264	9.374	ng/ul	98
22) Nitrobenzene	9.046	77	121967	9.794	ng/ul	99
23) Isophorone	9.569	82	210801	8.028	ng/ul	98
25) 2-Nitrophenol	9.757	139	48269	9.757	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	118069	8.971	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.051	93	149508	9.289	ng/ul	98
29) 2,4-Dichlorophenol	10.287	162	99941	9.160	ng/ul	98
30) Naphthalene	10.692	128	366571	9.480	ng/ul	98
32) 4-Chloroaniline	10.798	127	140823	8.102	ng/ul	99
33) Hexachlorobutadiene	10.981	225	67804	9.121	ng/ul	99
34) Caprolactam	11.575	113	23172m	6.954	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	94577	8.270	ng/ul	99
36) 2-Methylnaphthalene	12.304	142	249809	8.640	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	254090	9.040	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.669	216	132146	9.515	ng/ul	96
40) Hexachlorocyclopentadiene	12.651	237	73601	7.563	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	71157	9.129	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	79035	9.372	ng/ul	97
43) 1,1'-Biphenyl	13.310	154	321625	9.422	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	247792	9.443	ng/ul	99
45) 2-Nitroaniline	13.551	65	50168	8.323	ng/ul	98
47) Dimethylphthalate	13.928	163	285453	8.831	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	43437	8.432	ng/ul	98
50) Acenaphthylene	14.198	152	347891	8.540	ng/ul	100
51) 3-Nitroaniline	14.375	138	41860	6.972	ng/ul	96
52) Acenaphthene	14.539	153	263738	9.166	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	22720	7.025	ng/ul	90
55) 4-Nitrophenol	14.669	109	34716	5.979	ng/ul	99
56) Dibenzofuran	14.875	168	370064	9.292	ng/ul	98
57) 2,4-Dinitrotoluene	14.827	165	62337	8.343	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.098	232	60328	8.472	ng/ul	96
59) Diethylphthalate	15.292	149	273977	8.368	ng/ul	98
61) Fluorene	15.522	166	300186	8.884	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.516	204	147047	8.875	ng/ul	99
63) 4-Nitroaniline	15.533	138	35600	5.766	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	35928	8.706	ng/ul	93
67) N-Nitrosodiphenylamine	15.727	169	245017	9.103	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	80108	8.625	ng/ul	99
69) Hexachlorobenzene	16.521	284	93101	8.769	ng/ul	100
70) Atrazine	16.669	200	74068	7.672	ng/ul	98
71) Pentachlorophenol	16.857	266	43506	6.710	ng/ul	94
72) Phenanthrene	17.251	178	460304	9.518	ng/ul	99
74) Anthracene	17.345	178	455785	9.188	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.275	216	126896	9.425	ng/uL	99
76) Pentachlorobenzene	14.792	250	118954	9.525	ng/uL	98
77) Carbazole	17.610	167	376316	8.371	ng/ul	99
78) Di-n-butylphthalate	18.174	149	392974	7.870	ng/ul	99
80) Fluoranthene	19.257	202	486965	9.339	ng/ul	98
82) Pyrene	19.621	202	531486	9.752	ng/ul	100
83) Butylbenzylphthalate	20.509	149	141777	7.621	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.286	252	123849	7.351	ng/ul	98
85) Benzo(a)anthracene	21.351	228	485799	9.265	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	219318	7.347	ng/ul	98
87) Chrysene	21.404	228	482843	9.460	ng/ul	99
89) Di-n-octyl phthalate	22.168	149	359337	7.281	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	494842	9.621	ng/ul	98
91) Benzo(k)fluoranthene	23.009	252	459767	9.065	ng/ul	99
93) Benzo(a)pyrene	23.550	252	425169	9.365	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.974	276	537006	9.444	ng/ul	100
95) Dibenzo(a,h)anthracene	25.980	278	453714	9.544	ng/ul	98
96) Benzo(g,h,i)perylene	26.680	276	448257	9.648	ng/ul	99

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

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