Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043380.D
Acq On : 16 Dec 2023 05:16
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020165

Quant Time: Dec 16 05:45:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	361901	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1634558	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	902870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1543011	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	944138	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	1045147	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	92128	8.274	ng/uL	0.00
4) Pyridine-d5	3.810	84	694411	21.668	ng/ul	0.00
7) Phenol-d5	7.151	99	900539	21.874	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	560712	21.505	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	683875	21.756	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	694369	21.735	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	346443	21.907	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	360777	22.079	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	643646	22.314	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	926373	21.830	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1720250	21.165	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	2117243	21.959	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	318472	20.703	ng/ul	0.00
60) Fluorene-d10	15.615	176	1418616	21.108	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	195644	19.171	ng/ul	0.00
73) Anthracene-d10	17.468	188	1869335	21.602	ng/ul	0.00
81) Pyrene-d10	19.750	212	1597539	21.432	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	1348165	20.903	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	101139	8.221	ng/uL	97
5) Pyridine	3.828	79	713401	21.525	ng/ul	99
6) Benzaldehyde	7.139	77	444374	22.764	ng/ul	99
8) Phenol	7.181	94	876893	21.650	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.422	93	720470	21.911	ng/ul	98
12) 2-Chlorophenol	7.551	128	689839	21.543	ng/ul	98
13) 2-Methylphenol	8.439	108	670656	21.807	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	1199320	21.720	ng/ul	99
16) Acetophenone	8.828	105	1057955	21.630	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	599785	20.546	ng/ul	98
18) 4-Methylphenol	8.769	108	727147	21.816	ng/ul	98
19) Hexachloroethane	9.069	117	291736	21.607	ng/ul	98
22) Nitrobenzene	9.210	77	850198	21.723	ng/ul	99
23) Isophorone	9.733	82	1631140	20.545	ng/ul	99
25) 2-Nitrophenol	9.922	139	381673	21.978	ng/ul	98
26) 2,4-Dimethylphenol	9.975	107	693329	22.412	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	980291	20.911	ng/ul	100
29) 2,4-Dichlorophenol	10.451	162	617439	22.057	ng/ul	98
30) Naphthalene	10.851	128	2263775	21.731	ng/ul	100
32) 4-Chloroaniline	10.969	127	897492	21.993	ng/ul	99
33) Hexachlorobutadiene	11.127	225	318249	22.298	ng/ul	99
34) Caprolactam	11.751	113	196060	21.917	ng/ul	96
35) 4-Chloro-3-methylphenol	12.086	107	691176	21.021	ng/ul	96
36) 2-Methylnaphthalene	12.457	142	1506378	21.243	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.674	142	1508997	21.098	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.821	216	621116	22.578	ng/ul	96
40) Hexachlorocyclopentadiene	12.792	237	322949	18.710	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	437915	22.395	ng/ul	99
42) 2,4,5-Trichlorophenol	13.133	196	465294	22.410	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	1881406	21.860	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1476294	22.373	ng/ul	100
45) 2-Nitroaniline	13.716	65	475321	21.482	ng/ul	99
47) Dimethylphthalate	14.092	163	1701165	21.194	ng/ul	100
48) 2,6-Dinitrotoluene	14.215	165	335223	21.602	ng/ul	99
50) Acenaphthylene	14.351	152	2411868	21.784	ng/ul	99
51) 3-Nitroaniline	14.539	138	394307	22.134	ng/ul	100
52) Acenaphthene	14.686	153	1577340	21.616	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	136161	16.483	ng/ul	98
55) 4-Nitrophenol	14.839	109	245460	20.549	ng/ul	95
56) Dibenzofuran	15.021	168	2007668	21.303	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	461188	21.035	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.245	232	334638	21.036	ng/ul	98
59) Diethylphthalate	15.451	149	1731627	21.052	ng/ul	100
61) Fluorene	15.674	166	1704645	21.172	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	749494	21.163	ng/ul	98
63) 4-Nitroaniline	15.698	138	379489	23.273	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	214509	19.688	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	1352691	22.824	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	413513	22.620	ng/ul	99
69) Hexachlorobenzene	16.662	284	470001	22.442	ng/ul	99
70) Atrazine	16.839	200	246670	18.988	ng/ul	99
71) Pentachlorophenol	17.009	266	250937	19.819	ng/ul	99
72) Phenanthrene	17.409	178	2253033	21.544	ng/ul	99
74) Anthracene	17.503	178	2295855	21.753	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	623348	24.599	ng/uL	99
76) Pentachlorobenzene	14.933	250	581628	23.572	ng/uL	98
77) Carbazole	17.774	167	1999553	22.198	ng/ul	100
78) Di-n-butylphthalate	18.339	149	2601465	22.091	ng/ul	100
80) Fluoranthene	19.415	202	2013164	21.810	ng/ul	99
82) Pyrene	19.780	202	2052827	21.633	ng/ul	98
83) Butylbenzylphthalate	20.686	149	929359	22.652	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	488134	20.992	ng/ul	97
85) Benzo(a)anthracene	21.521	228	1685739	21.352	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	1337704	22.902	ng/ul	99
87) Chrysene	21.574	228	1554675	21.889	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	2092105	20.925	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1614163	20.154	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1623536	20.784	ng/ul	99
93) Benzo(a)pyrene	23.850	252	1558238	21.324	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.485	276	1960566	22.470	ng/ul	100
95) Dibenzo(a,h)anthracene	26.509	278	1627910	22.532	ng/ul	99
96) Benzo(g,h,i)perylene	27.256	276	1563625	22.862	ng/ul	98

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

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