Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039520.D
Acq On : 20 Apr 2023 10:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020115

Quant Time: Apr 21 00:36:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	206327	20.000	ng/ul	0.00
20) Naphthalene-d8	10.631	136	951694	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.478	164	594471	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	1150509	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	812559	20.000	ng/ul	0.00
88) Perylene-d12	23.789	264	818144	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.214	96	49212	9.155	ng/uL	0.00
4) Pyridine-d5	3.637	84	310435	20.554	ng/ul	0.00
7) Phenol-d5	7.002	99	387301	20.509	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.155	67	261188	20.926	ng/ul	0.00
11) 2-Chlorophenol-d4	7.355	132	321175	21.681	ng/ul	0.00
15) 4-Methylphenol-d8	8.555	113	311529	20.480	ng/ul	0.00
21) Nitrobenzene-d5	8.996	128	160479	20.960	ng/ul	0.00
24) 2-Nitrophenol-d4	9.719	143	174889	20.342	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.260	165	317392	21.455	ng/ul	0.00
31) 4-Chloroaniline-d4	10.784	131	443855	20.089	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	998527	20.827	ng/ul	0.00
49) Acenaphthylene-d8	14.172	160	1149731	21.346	ng/ul	0.00
54) 4-Nitrophenol-d4	14.719	143	105594	14.553	ng/ul	0.00
60) Fluorene-d10	15.472	176	821537	20.915	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.613	200	134943	17.650	ng/ul	0.00
73) Anthracene-d10	17.331	188	1186198	21.439	ng/ul	0.00
81) Pyrene-d10	19.630	212	1195586	22.143	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.636	264	925347	20.949	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	52513	8.927	ng/uL	99
5) Pyridine	3.655	79	339339	21.308	ng/ul	98
6) Benzaldehyde	6.966	77	196859	24.400	ng/ul	99
8) Phenol	7.031	94	402766	20.485	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.249	93	346385	21.131	ng/ul	99
12) 2-Chlorophenol	7.390	128	326165	21.881	ng/ul	99
13) 2-Methylphenol	8.284	108	308629	20.210	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.360	45	480304	21.095	ng/ul	100
16) Acetophenone	8.655	105	520908	20.848	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.637	70	284839	20.597	ng/ul	97
18) 4-Methylphenol	8.613	108	345576	20.960	ng/ul	99
19) Hexachloroethane	8.896	117	145036	21.423	ng/ul	98
22) Nitrobenzene	9.037	77	395579	20.925	ng/ul	98
23) Isophorone	9.560	82	820855	20.362	ng/ul	99
25) 2-Nitrophenol	9.749	139	187909	20.947	ng/ul	98
26) 2,4-Dimethylphenol	9.819	107	384638	20.982	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.049	93	494229	20.849	ng/ul	99
29) 2,4-Dichlorophenol	10.290	162	312612	21.452	ng/ul	99
30) Naphthalene	10.678	128	1125837	21.381	ng/ul	100
32) 4-Chloroaniline	10.802	127	438048	20.121	ng/ul	99
33) Hexachlorobutadiene	10.954	225	209212	21.788	ng/ul	99
34) Caprolactam	11.584	113	94376	17.391	ng/ul	96
35) 4-Chloro-3-methylphenol	11.943	107	351145	20.638	ng/ul	98
36) 2-Methylnaphthalene	12.296	142	739679	20.954	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.519	142	747710	21.078	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.666	216	392053	21.971	ng/ul	100
40) Hexachlorocyclopentadiene	12.637	237	167713	15.775	ng/ul	98
41) 2,4,6-Trichlorophenol	12.919	196	249817	20.956	ng/ul	99
42) 2,4,5-Trichlorophenol	12.995	196	263544	21.271	ng/ul	98
43) 1,1'-Biphenyl	13.313	154	998479	21.734	ng/ul	99
44) 2-Chloronaphthalene	13.354	162	780025	21.644	ng/ul	99
45) 2-Nitroaniline	13.572	65	206843	19.889	ng/ul	97
47) Dimethylphthalate	13.942	163	996634	20.996	ng/ul	100
48) 2,6-Dinitrotoluene	14.072	165	192938	20.097	ng/ul	97
50) Acenaphthylene	14.201	152	1241892	21.556	ng/ul	100
51) 3-Nitroaniline	14.407	138	160069	17.789	ng/ul	98
52) Acenaphthene	14.542	153	848534	21.391	ng/ul	100
53) 2,4-Dinitrophenol	14.625	184	55695	10.899	ng/ul	99
55) 4-Nitrophenol	14.731	109	81582	14.803	ng/ul	97
56) Dibenzofuran	14.878	168	1157007	21.460	ng/ul	99
57) 2,4-Dinitrotoluene	14.860	165	262919	19.710	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.113	232	225342	20.319	ng/ul	98
59) Diethylphthalate	15.307	149	1010136	20.528	ng/ul	99
61) Fluorene	15.531	166	938956	21.053	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.525	204	471693	21.338	ng/ul	99
63) 4-Nitroaniline	15.572	138	111799	16.202	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.625	198	131020	17.825	ng/ul	95
67) N-Nitrosodiphenylamine	15.742	169	766068	22.349	ng/ul	99
68) 4-Bromophenyl-phenylether	16.419	248	277268	22.313	ng/ul	97
69) Hexachlorobenzene	16.531	284	316706	22.185	ng/ul	96
70) Atrazine	16.701	200	264617	20.804	ng/ul	98
71) Pentachlorophenol	16.889	266	151001	18.094	ng/ul	99
72) Phenanthrene	17.272	178	1374727	21.523	ng/ul	99
74) Anthracene	17.366	178	1382786	21.580	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.278	216	405506	23.666	ng/uL	99
76) Pentachlorobenzene	14.795	250	396575	23.514	ng/uL	98
77) Carbazole	17.648	167	1139956	20.020	ng/ul	99
78) Di-n-butylphthalate	18.201	149	1620645	20.123	ng/ul	99
80) Fluoranthene	19.295	202	1439315	22.742	ng/ul	97
82) Pyrene	19.660	202	1480633	22.599	ng/ul	97
83) Butylbenzylphthalate	20.560	149	616913	19.948	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.348	252	383375	21.276	ng/ul	98
85) Benzo(a)anthracene	21.407	228	1228535	20.904	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.330	149	900759	19.586	ng/ul	100
87) Chrysene	21.460	228	1185874	21.153	ng/ul	100
89) Di-n-octyl phthalate	22.242	149	1447649	17.611	ng/ul	100
90) Benzo(b)fluoranthene	23.071	252	1201682	20.875	ng/ul	99
91) Benzo(k)fluoranthene	23.118	252	1158104	20.485	ng/ul	99
93) Benzo(a)pyrene	23.683	252	1026319	21.151	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.236	276	1333795	24.990	ng/ul	99
95) Dibenzo(a,h)anthracene	26.253	278	1103942	24.946	ng/ul	99
96) Benzo(g,h,i)perylene	26.989	276	1074739	25.277	ng/ul	99

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

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