Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091024\
Data File : BM047467.D
Acq On : 10 Sep 2024 18:43
Operator : RC/JU
Sample : SSTD02032
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020015

Quant Time: Sep 11 00:10:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:00:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	398319	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1771918	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	1084841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2164173	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	2008731	20.000	ng/ul	0.00
88) Perylene-d12	24.521	264	2276658	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	74188	7.379	ng/uL	0.00
4) Pyridine-d5	3.711	84	572124	20.862	ng/ul	0.00
7) Phenol-d5	7.022	99	662540	21.896	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	435304	21.864	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	532140	20.761	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	530542	22.134	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	255681	17.982	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	240656	15.499	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	489123	16.407	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	773942	19.753	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1466568	17.681	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	1762482	19.035	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	278066	17.338	ng/ul	0.00
60) Fluorene-d10	15.492	176	1252879	17.657	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	179789	13.149	ng/ul	0.00
73) Anthracene-d10	17.333	188	1937133	18.881	ng/ul	0.00
81) Pyrene-d10	19.615	212	2143968	18.645	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.309	264	2235568	18.648	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	80165	7.166	ng/uL	100
5) Pyridine	3.734	79	598429	22.041	ng/ul	100
6) Benzaldehyde	7.004	77	451519	25.979	ng/ul	100
8) Phenol	7.052	94	686912	22.542	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.293	93	564871	21.748	ng/ul	100
12) 2-Chlorophenol	7.434	128	554317	21.347	ng/ul	100
13) 2-Methylphenol	8.304	108	516984	22.271	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.398	45	838250	26.933	ng/ul	100
16) Acetophenone	8.693	105	873967	23.165	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.681	70	478864	24.069	ng/ul	100
18) 4-Methylphenol	8.628	108	571615	22.791	ng/ul	100
19) Hexachloroethane	8.963	117	235492	18.617	ng/ul	100
22) Nitrobenzene	9.063	77	649914	17.108	ng/ul	100
23) Isophorone	9.593	82	1284313	19.759	ng/ul	100
25) 2-Nitrophenol	9.781	139	283267	16.677	ng/ul	100
26) 2,4-Dimethylphenol	9.840	107	601263	17.958	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.081	93	776212	19.371	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	497470	16.731	ng/ul	100
30) Naphthalene	10.722	128	1814454	19.341	ng/ul	100
32) 4-Chloroaniline	10.816	127	768166	20.189	ng/ul	100
33) Hexachlorobutadiene	11.016	225	293091	13.663	ng/ul	100
34) Caprolactam	11.569	113	249409	27.700	ng/ul	100
35) 4-Chloro-3-methylphenol	11.939	107	563091	18.366	ng/ul	100
36) 2-Methylnaphthalene	12.334	142	1232893	18.821	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	1252472	18.887	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	586767	17.246	ng/ul	100
40) Hexachlorocyclopentadiene	12.686	237	479932	21.414	ng/ul	100
41) 2,4,6-Trichlorophenol	12.933	196	366644	16.464	ng/ul	100
42) 2,4,5-Trichlorophenol	12.998	196	401011	16.678	ng/ul	100
43) 1,1'-Biphenyl	13.339	154	1568881	19.331	ng/ul	100
44) 2-Chloronaphthalene	13.381	162	1208131	18.745	ng/ul	100
45) 2-Nitroaniline	13.569	65	362126	18.489	ng/ul	100
47) Dimethylphthalate	13.957	163	1499873	18.020	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	277904	17.175	ng/ul	100
50) Acenaphthylene	14.222	152	1917933	19.614	ng/ul	100
51) 3-Nitroaniline	14.386	138	323374	19.624	ng/ul	100
52) Acenaphthene	14.563	153	1362496	19.327	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	119549	10.471	ng/ul	100
55) 4-Nitrophenol	14.686	109	239803	14.773	ng/ul	100
56) Dibenzofuran	14.898	168	1768821	17.878	ng/ul	100
57) 2,4-Dinitrotoluene	14.851	165	404437	16.356	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.122	232	306565	14.342	ng/ul	100
59) Diethylphthalate	15.322	149	1580398	17.650	ng/ul	100
61) Fluorene	15.545	166	1560446	19.122	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	718836	17.893	ng/ul	100
63) 4-Nitroaniline	15.545	138	348894	21.425	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.610	198	209004	13.970	ng/ul	100
67) N-Nitrosodiphenylamine	15.751	169	1248654	19.465	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	409087	17.464	ng/ul	100
69) Hexachlorobenzene	16.545	284	465257	16.868	ng/ul	100
70) Atrazine	16.698	200	425669	16.913	ng/ul	100
71) Pentachlorophenol	16.886	266	267256	14.311	ng/ul	100
72) Phenanthrene	17.280	178	2282715	18.816	ng/ul	100
74) Anthracene	17.368	178	2320116	18.964	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	578971	18.594	ng/uL	100
76) Pentachlorobenzene	14.822	250	562245	17.444	ng/uL	100
77) Carbazole	17.633	167	2167668	19.112	ng/ul	100
78) Di-n-butylphthalate	18.210	149	2832247	19.637	ng/ul	100
80) Fluoranthene	19.286	202	2559776	18.627	ng/ul	100
82) Pyrene	19.645	202	2766038	18.890	ng/ul	100
83) Butylbenzylphthalate	20.551	149	1245134	19.455	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.368	252	885882	17.990	ng/ul	100
85) Benzo(a)anthracene	21.445	228	2693282	18.358	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	1883002	20.154	ng/ul	100
87) Chrysene	21.509	228	2488661	17.786	ng/ul	100
89) Di-n-octyl phthalate	22.556	149	3226046	20.086	ng/ul	100
90) Benzo(b)fluoranthene	23.550	252	2664427	18.920	ng/ul	100
91) Benzo(k)fluoranthene	23.621	252	2646768	19.019	ng/ul	100
93) Benzo(a)pyrene	24.374	252	2479778	18.901	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.974	276	3167586	18.844	ng/ul	100
95) Dibenzo(a,h)anthracene	28.038	278	2580720	19.114	ng/ul	100
96) Benzo(g,h,i)perylene	29.044	276	2438181	18.358	ng/ul	100

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

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