Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023984.D
Acq On : 07 Feb 2025 00:47
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020799

Quant Time: Feb 07 07:56:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	519388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.540	136	2213744	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	1376097	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	2703997	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	2711984	20.000	ng/ul	-0.01
88) Perylene-d12	25.010	264	2806068	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	103698	8.295	ng/uL	0.00
4) Pyridine-d5	3.699	84	774368	21.468	ng/ul	0.00
7) Phenol-d5	6.952	99	989967	21.538	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	531203	21.834	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	799807	22.159	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	794010	21.147	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	391648	22.113	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	413339	21.628	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	768259	21.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	1132466	21.599	ng/ul	0.00
46) Dimethylphthalate-d6	13.793	166	2097744	20.437	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	2540893	21.948	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	397030	19.477	ng/ul	0.00
60) Fluorene-d10	15.392	176	1849603	21.398	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	305105	18.290	ng/ul	0.00
73) Anthracene-d10	17.281	188	2899239	21.837	ng/ul	0.00
81) Pyrene-d10	19.657	212	3265798	22.474	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	3213902	21.952	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	110428	8.400	ng/uL	99
5) Pyridine	3.717	79	783596	21.698	ng/ul	99
6) Benzaldehyde	6.916	77	603695	26.760	ng/ul	99
8) Phenol	6.981	94	1029911	21.822	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	781371	21.748	ng/ul	100
12) 2-Chlorophenol	7.340	128	837238	22.515	ng/ul	100
13) 2-Methylphenol	8.210	108	755673	21.279	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	804560	21.706	ng/ul	100
16) Acetophenone	8.575	105	1240782	21.616	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.563	70	566864	20.972	ng/ul	98
18) 4-Methylphenol	8.534	108	851601	21.614	ng/ul	99
19) Hexachloroethane	8.834	117	319651	21.739	ng/ul	98
22) Nitrobenzene	8.952	77	874980	22.764	ng/ul	98
23) Isophorone	9.475	82	1573371	20.273	ng/ul	99
25) 2-Nitrophenol	9.657	139	456623	21.905	ng/ul	98
26) 2,4-Dimethylphenol	9.722	107	856622	22.203	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.952	93	1013665	20.969	ng/ul	99
29) 2,4-Dichlorophenol	10.193	162	779241	21.918	ng/ul	98
30) Naphthalene	10.587	128	2629783	22.193	ng/ul	100
32) 4-Chloroaniline	10.699	127	1073463	21.694	ng/ul	100
33) Hexachlorobutadiene	10.875	225	461508	21.442	ng/ul	99
34) Caprolactam	11.475	113	253181	18.381	ng/ul	97
35) 4-Chloro-3-methylphenol	11.834	107	795843	20.824	ng/ul	98
36) 2-Methylnaphthalene	12.198	142	1801312	21.620	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	1776681	21.496	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.569	216	920359	22.624	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	381232	16.630	ng/ul	100
41) 2,4,6-Trichlorophenol	12.810	196	585529	21.547	ng/ul	99
42) 2,4,5-Trichlorophenol	12.893	196	637390	21.762	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	2276671	22.288	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	1771509	22.258	ng/ul	100
45) 2-Nitroaniline	13.457	65	454497	21.941	ng/ul	97
47) Dimethylphthalate	13.840	163	2095317	20.517	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	415768	20.832	ng/ul	98
50) Acenaphthylene	14.104	152	2720710	22.068	ng/ul	100
51) 3-Nitroaniline	14.292	138	475866	21.695	ng/ul	99
52) Acenaphthene	14.451	153	1931730	22.100	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	211554	17.780	ng/ul	97
55) 4-Nitrophenol	14.622	109	302015	20.942	ng/ul	97
56) Dibenzofuran	14.792	168	2644447	21.833	ng/ul	100
57) 2,4-Dinitrotoluene	14.751	165	618473	20.833	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.022	232	515527	20.684	ng/ul	94
59) Diethylphthalate	15.222	149	2075377	20.283	ng/ul	99
61) Fluorene	15.451	166	2202386	21.919	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	1065163	21.415	ng/ul	99
63) 4-Nitroaniline	15.463	138	514772	24.122	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	335993	18.320	ng/ul	97
67) N-Nitrosodiphenylamine	15.657	169	1794281	21.742	ng/ul	100
68) 4-Bromophenyl-phenylether	16.351	248	638795	20.939	ng/ul	99
69) Hexachlorobenzene	16.469	284	759333	20.543	ng/ul	96
70) Atrazine	16.634	200	644595	20.171	ng/ul	99
71) Pentachlorophenol	16.828	266	437609	19.247	ng/ul	99
72) Phenanthrene	17.222	178	3321644	21.752	ng/ul	100
74) Anthracene	17.316	178	3371772	21.895	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	896925	22.652	ng/uL	99
76) Pentachlorobenzene	14.710	250	934640	21.904	ng/uL	99
77) Carbazole	17.592	167	3119684	23.124	ng/ul	99
78) Di-n-butylphthalate	18.186	149	3517043	21.063	ng/ul	100
80) Fluoranthene	19.304	202	3804936	22.732	ng/ul	100
82) Pyrene	19.680	202	4001340	22.860	ng/ul	97
83) Butylbenzylphthalate	20.639	149	1536675	20.387	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	1197879	20.415	ng/ul	99
85) Benzo(a)anthracene	21.610	228	3934721	22.064	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	2194298	19.952	ng/ul	99
87) Chrysene	21.680	228	3656305	22.251	ng/ul	99
89) Di-n-octyl phthalate	22.851	149	3392503	20.168	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	3742875	21.983	ng/ul	100
91) Benzo(k)fluoranthene	24.010	252	3874286	22.698	ng/ul	99
93) Benzo(a)pyrene	24.851	252	3516713	22.117	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.827	276	4439375	21.539	ng/ul	99
95) Dibenzo(a,h)anthracene	28.909	278	3622107	21.665	ng/ul	99
96) Benzo(g,h,i)perylene	30.021	276	3357943	21.271	ng/ul	100

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

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