Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023651.D
Acq On : 20 Jan 2025 11:17
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020770

Quant Time: Jan 20 11:52:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 16:27:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	621772	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.575	136	2462885	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.428	164	1482679	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2852040	20.000	ng/ul	0.00
79) Chrysene-d12	21.686	240	2957334	20.000	ng/ul	-0.02
88) Perylene-d12	25.098	264	2972132	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	126130	7.480	ng/uL	0.00
4) Pyridine-d5	3.717	84	882538	18.773	ng/ul	0.00
7) Phenol-d5	6.958	99	997858	18.641	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	576636	18.388	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	803214	19.000	ng/ul	-0.01
15) 4-Methylphenol-d8	8.487	113	769998	18.545	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	377312	20.071	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.658	143	324442	26.294	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.187	165	720736	19.204	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.705	131	1105488	18.450	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	2063277	17.881	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	2485218	18.105	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	370159	19.299	ng/ul	0.00
60) Fluorene-d10	15.434	176	1794517	17.970	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	198284	21.367	ng/ul	0.00
73) Anthracene-d10	17.334	188	2771016	17.999	ng/ul	-0.01
81) Pyrene-d10	19.704	212	3115126	19.014	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.886	264	3008636	18.627	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	133449	7.478	ng/uL	99
5) Pyridine	3.734	79	888393	18.736	ng/ul	100
6) Benzaldehyde	6.946	77	651864	22.539	ng/ul	99
8) Phenol	6.987	94	1049740	18.397	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.222	93	836448	18.532	ng/ul	99
12) 2-Chlorophenol	7.369	128	842058	18.608	ng/ul	98
13) 2-Methylphenol	8.222	108	754954	18.127	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.311	45	860556	18.405	ng/ul	100
16) Acetophenone	8.605	105	1263139	17.760	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.593	70	582662	16.854	ng/ul	99
18) 4-Methylphenol	8.546	108	830201	18.135	ng/ul	99
19) Hexachloroethane	8.875	117	344162	18.948	ng/ul	95
22) Nitrobenzene	8.981	77	863137	18.866	ng/ul	97
23) Isophorone	9.505	82	1626667	17.506	ng/ul	100
25) 2-Nitrophenol	9.693	139	386530	23.885	ng/ul	98
26) 2,4-Dimethylphenol	9.746	107	831164	18.564	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	1042102	17.872	ng/ul	99
29) 2,4-Dichlorophenol	10.216	162	739428	19.030	ng/ul	100
30) Naphthalene	10.628	128	2657098	18.213	ng/ul	100
32) 4-Chloroaniline	10.728	127	1046731	18.255	ng/ul	99
33) Hexachlorobutadiene	10.922	225	473162	18.368	ng/ul	98
34) Caprolactam	11.475	113	244806	17.249	ng/ul	93
35) 4-Chloro-3-methylphenol	11.846	107	735637	18.577	ng/ul	99
36) 2-Methylnaphthalene	12.240	142	1751861	17.766	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1740291	17.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	902768	18.453	ng/ul	99
40) Hexachlorocyclopentadiene	12.599	237	405926	21.494	ng/ul	99
41) 2,4,6-Trichlorophenol	12.840	196	517583	20.323	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	573438	20.247	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	2247775	18.320	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	1723813	18.036	ng/ul	98
45) 2-Nitroaniline	13.481	65	392043	20.738	ng/ul	98
47) Dimethylphthalate	13.875	163	2047346	17.661	ng/ul	99
48) 2,6-Dinitrotoluene	13.993	165	364702	20.480	ng/ul	93
50) Acenaphthylene	14.146	152	2679219	18.013	ng/ul	100
51) 3-Nitroaniline	14.322	138	431633	20.596	ng/ul	94
52) Acenaphthene	14.493	153	1868039	17.929	ng/ul	100
53) 2,4-Dinitrophenol	14.522	184	114360	20.292	ng/ul	93
55) 4-Nitrophenol	14.622	109	292737	19.663	ng/ul	97
56) Dibenzofuran	14.834	168	2526359	17.813	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	544426	20.234	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.057	232	443325	20.022	ng/ul	98
59) Diethylphthalate	15.275	149	2022535	17.697	ng/ul	99
61) Fluorene	15.498	166	2121472	17.815	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	1036493	17.812	ng/ul	99
63) 4-Nitroaniline	15.498	138	459195	20.858	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.563	198	239325	21.670	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	1737525	18.195	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	610531	17.958	ng/ul	99
69) Hexachlorobenzene	16.522	284	731935	17.559	ng/ul	97
70) Atrazine	16.687	200	625803	18.877	ng/ul	99
71) Pentachlorophenol	16.881	266	390749	19.225	ng/ul	99
72) Phenanthrene	17.281	178	3178611	17.776	ng/ul	100
74) Anthracene	17.369	178	3246849	18.097	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	880603	18.867	ng/uL	99
76) Pentachlorobenzene	14.751	250	903671	18.276	ng/uL	99
77) Carbazole	17.639	167	2949862	19.796	ng/ul	100
78) Di-n-butylphthalate	18.257	149	3320369	19.187	ng/ul	99
80) Fluoranthene	19.357	202	3600867	19.215	ng/ul	99
82) Pyrene	19.728	202	3939297	19.293	ng/ul	99
83) Butylbenzylphthalate	20.698	149	1291404	24.074	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.592	252	1017696	20.286	ng/ul	99
85) Benzo(a)anthracene	21.669	228	3834236	18.236	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.633	149	2027628	22.157	ng/ul	99
87) Chrysene	21.733	228	3627038	18.526	ng/ul	100
89) Di-n-octyl phthalate	22.951	149	2830851	22.629	ng/ul	100
90) Benzo(b)fluoranthene	24.033	252	3545150	18.985	ng/ul	100
91) Benzo(k)fluoranthene	24.092	252	3737710	18.266	ng/ul	100
93) Benzo(a)pyrene	24.945	252	3409288	18.559	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.998	276	4124052	18.868	ng/ul	99
95) Dibenzo(a,h)anthracene	29.074	278	3367741	19.012	ng/ul	99
96) Benzo(g,h,i)perylene	30.198	276	3214017	18.745	ng/ul	100

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

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