Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036139.D
Acq On : 30 Jan 2025 19:02
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020359

Quant Time: Jan 31 07:33:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 30 17:36:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	88163	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	371327	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	258247	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	544878	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	441823	20.000	ng/ul	0.00
88) Perylene-d12	24.456	264	393961	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	18559	8.578	ng/uL	0.00
4) Pyridine-d5	3.669	84	137628	22.333	ng/ul	0.00
7) Phenol-d5	6.993	99	162487	22.241	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	104432	22.275	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	128026	22.383	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	133304	22.713	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	64945	21.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	73427	21.708	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	132150	21.638	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	186194	23.206	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	436593	22.418	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	472001	21.766	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	70521	20.982	ng/ul	0.00
60) Fluorene-d10	15.427	176	369608	22.672	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	74861	20.759	ng/ul	0.00
73) Anthracene-d10	17.280	188	586055	22.141	ng/ul	0.00
81) Pyrene-d10	19.574	212	629315	23.916	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.245	264	460325	22.221	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	20610	8.918	ng/uL	96
5) Pyridine	3.693	79	138758	22.169	ng/ul	100
6) Benzaldehyde	6.934	77	118703	27.212	ng/ul	99
8) Phenol	7.016	94	164721	21.839	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.216	93	133731	22.562	ng/ul	99
12) 2-Chlorophenol	7.369	128	131972	22.635	ng/ul	98
13) 2-Methylphenol	8.257	108	122866	22.061	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	208647	23.061	ng/ul	99
16) Acetophenone	8.616	105	220510	23.044	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.604	70	117934	23.407	ng/ul	96
18) 4-Methylphenol	8.587	108	137324	22.599	ng/ul	94
19) Hexachloroethane	8.875	117	60920	22.618	ng/ul	95
22) Nitrobenzene	8.992	77	178020	21.667	ng/ul	99
23) Isophorone	9.522	82	319022	21.908	ng/ul	100
25) 2-Nitrophenol	9.704	139	77540	21.425	ng/ul	99
26) 2,4-Dimethylphenol	9.781	107	160573	21.776	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.998	93	186601	21.832	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	136243	22.143	ng/ul	98
30) Naphthalene	10.639	128	438732	21.961	ng/ul	100
32) 4-Chloroaniline	10.751	127	177794	22.957	ng/ul	98
33) Hexachlorobutadiene	10.934	225	99113	22.068	ng/ul	95
34) Caprolactam	11.528	113	45578	22.888	ng/ul	96
35) 4-Chloro-3-methylphenol	11.904	107	160376	22.689	ng/ul	98
36) 2-Methylnaphthalene	12.251	142	302281	21.586	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	305844	22.232	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	173697	21.050	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	94782	20.579	ng/ul	95
41) 2,4,6-Trichlorophenol	12.875	196	112384	21.122	ng/ul	92
42) 2,4,5-Trichlorophenol	12.969	196	124650	21.649	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	409499	21.363	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	320467	21.264	ng/ul	99
45) 2-Nitroaniline	13.516	65	114014	22.188	ng/ul	99
47) Dimethylphthalate	13.892	163	431313	22.115	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	87127	22.652	ng/ul	96
50) Acenaphthylene	14.157	152	498732	21.856	ng/ul	97
51) 3-Nitroaniline	14.339	138	88465	22.954	ng/ul	99
52) Acenaphthene	14.504	153	354633	21.588	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	46874	19.394	ng/ul	91
55) 4-Nitrophenol	14.698	109	76522	21.354	ng/ul	94
56) Dibenzofuran	14.833	168	497914	21.894	ng/ul	96
57) 2,4-Dinitrotoluene	14.798	165	125259	21.763	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	105701	21.991	ng/ul	97
59) Diethylphthalate	15.263	149	447668	22.251	ng/ul	98
61) Fluorene	15.486	166	413606	22.427	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	213819	22.424	ng/ul	99
63) 4-Nitroaniline	15.504	138	95102	25.221	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.563	198	78930	20.611	ng/ul	96
67) N-Nitrosodiphenylamine	15.692	169	354727	21.449	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	126619	21.689	ng/ul	96
69) Hexachlorobenzene	16.492	284	139480	21.901	ng/ul	97
70) Atrazine	16.651	200	142833	21.913	ng/ul	99
71) Pentachlorophenol	16.839	266	88193	20.287	ng/ul	100
72) Phenanthrene	17.227	178	670262	21.940	ng/ul	99
74) Anthracene	17.316	178	690923	22.475	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	179753	21.198	ng/uL	98
76) Pentachlorobenzene	14.757	250	175339	21.164	ng/uL	97
77) Carbazole	17.586	167	596643	22.125	ng/ul	96
78) Di-n-butylphthalate	18.157	149	795153	22.136	ng/ul	99
80) Fluoranthene	19.245	202	758588	24.680	ng/ul	96
82) Pyrene	19.604	202	770054	23.632	ng/ul	99
83) Butylbenzylphthalate	20.509	149	319630	22.811	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	183742	23.548	ng/ul	98
85) Benzo(a)anthracene	21.409	228	673173	22.161	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	457249	22.713	ng/ul	99
87) Chrysene	21.474	228	633070	21.981	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	738778	22.820	ng/ul	100
90) Benzo(b)fluoranthene	23.498	252	564578	21.673	ng/ul	98
91) Benzo(k)fluoranthene	23.562	252	564493	21.763	ng/ul	97
93) Benzo(a)pyrene	24.309	252	495763	21.775	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.874	276	544377	21.975	ng/ul	98
95) Dibenzo(a,h)anthracene	27.939	278	447095	22.629	ng/ul	99
96) Benzo(g,h,i)perylene	28.938	276	423738	22.475	ng/ul	99

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

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