Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036130.D
Acq On : 30 Jan 2025 11:05
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020359

Quant Time: Jan 31 08:06:04 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	7.799	152	77769	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	304930	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	198171	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	414777	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	425081	20.000	ng/ul	0.00
88) Perylene-d12	24.463	264	427619	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	17151	8.986	ng/uL	0.00
4) Pyridine-d5	3.676	84	118376	21.776	ng/ul	0.00
7) Phenol-d5	6.999	99	141481	21.954	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	91001	22.005	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	111602	22.120	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	114242	22.066	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	52827	21.579	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	62176	22.384	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	110859	22.104	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	145104	22.023	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	332985	22.281	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	363424	21.840	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	60322	23.388	ng/ul	0.01
60) Fluorene-d10	15.434	176	281155	22.475	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.546	200	58900	21.456	ng/ul	0.00
73) Anthracene-d10	17.281	188	454747	22.570	ng/ul	0.00
81) Pyrene-d10	19.575	212	527311	20.829	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.251	264	491417	21.855	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	19184	9.411	ng/uL	96
5) Pyridine	3.699	79	120115	21.755	ng/ul	98
6) Benzaldehyde	6.940	77	101520	26.384	ng/ul	100
8) Phenol	7.028	94	145072	21.805	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	114050	21.813	ng/ul	98
12) 2-Chlorophenol	7.375	128	114206	22.206	ng/ul	96
13) 2-Methylphenol	8.264	108	107374	21.856	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	173271	21.711	ng/ul	99
16) Acetophenone	8.616	105	187161	22.173	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.605	70	95464	21.480	ng/ul	98
18) 4-Methylphenol	8.593	108	116783	21.787	ng/ul	95
19) Hexachloroethane	8.881	117	52123	21.938	ng/ul	94
22) Nitrobenzene	8.993	77	149322	22.131	ng/ul	98
23) Isophorone	9.522	82	258089	21.583	ng/ul	99
25) 2-Nitrophenol	9.705	139	64606	21.738	ng/ul	99
26) 2,4-Dimethylphenol	9.787	107	133795	22.096	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.005	93	150082	21.383	ng/ul	99
29) 2,4-Dichlorophenol	10.263	162	110362	21.842	ng/ul	97
30) Naphthalene	10.640	128	362031	22.068	ng/ul	98
32) 4-Chloroaniline	10.752	127	139349	21.911	ng/ul	98
33) Hexachlorobutadiene	10.934	225	78213	21.206	ng/ul	95
34) Caprolactam	11.522	113	35239	21.550	ng/ul	93
35) 4-Chloro-3-methylphenol	11.910	107	124705	21.484	ng/ul	97
36) 2-Methylnaphthalene	12.257	142	245146	21.318	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	244630	21.654	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.628	216	142517	22.507	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	84626	23.944	ng/ul	96
41) 2,4,6-Trichlorophenol	12.875	196	88791	21.747	ng/ul	95
42) 2,4,5-Trichlorophenol	12.975	196	100745	22.801	ng/ul	95
43) 1,1'-Biphenyl	13.269	154	322658	21.935	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	257350	22.253	ng/ul	99
45) 2-Nitroaniline	13.516	65	88950	22.558	ng/ul	97
47) Dimethylphthalate	13.893	163	328980	21.982	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	65410	22.161	ng/ul	97
50) Acenaphthylene	14.157	152	384694	21.969	ng/ul	100
51) 3-Nitroaniline	14.340	138	67320	22.762	ng/ul	96
52) Acenaphthene	14.504	153	281187	22.306	ng/ul	94
53) 2,4-Dinitrophenol	14.546	184	39228	21.151	ng/ul	92
55) 4-Nitrophenol	14.710	109	63558	23.113	ng/ul	96
56) Dibenzofuran	14.840	168	397532	22.779	ng/ul	96
57) 2,4-Dinitrotoluene	14.799	165	101221	22.918	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	81041	21.972	ng/ul#	97
59) Diethylphthalate	15.263	149	338141	21.902	ng/ul	100
61) Fluorene	15.487	166	315769	22.313	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	162117	22.156	ng/ul	97
63) 4-Nitroaniline	15.504	138	69284	23.944	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.563	198	65085	22.327	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	270224	21.465	ng/ul	98
68) 4-Bromophenyl-phenylether	16.375	248	95336	21.453	ng/ul	91
69) Hexachlorobenzene	16.493	284	109737	22.636	ng/ul	97
70) Atrazine	16.651	200	109947	22.159	ng/ul	97
71) Pentachlorophenol	16.845	266	67522	20.404	ng/ul	96
72) Phenanthrene	17.228	178	510528	21.953	ng/ul	100
74) Anthracene	17.316	178	526227	22.487	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	140171	21.715	ng/uL	96
76) Pentachlorobenzene	14.757	250	135645	21.508	ng/uL	94
77) Carbazole	17.587	167	472116	22.998	ng/ul	96
78) Di-n-butylphthalate	18.157	149	583090	21.324	ng/ul	100
80) Fluoranthene	19.245	202	612289	20.705	ng/ul	97
82) Pyrene	19.604	202	642851	20.505	ng/ul	99
83) Butylbenzylphthalate	20.510	149	275016	20.400	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.333	252	189010	25.177	ng/ul	97
85) Benzo(a)anthracene	21.410	228	648029	22.173	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	395041	20.396	ng/ul	99
87) Chrysene	21.475	228	610874	22.046	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	678165	19.299	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	613504	21.698	ng/ul	98
91) Benzo(k)fluoranthene	23.569	252	603846	21.448	ng/ul	100
93) Benzo(a)pyrene	24.316	252	546197	22.102	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.880	276	614537	22.855	ng/ul	97
95) Dibenzo(a,h)anthracene	27.945	278	489673	22.834	ng/ul	93
96) Benzo(g,h,i)perylene	28.945	276	454676	22.218	ng/ul	99

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

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ALS Vial : 2 Sample Multiplier: 1

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