Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036132.D
Acq On : 30 Jan 2025 14:28
Operator : RC/JU
Sample : SSTD01006
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010246

Quant Time: Jan 30 16:21:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 30 15:42:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	104883	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	406426	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	275055	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	559070	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	547098	20.000	ng/ul	0.00
88) Perylene-d12	24.462	264	490294	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	9910	3.835	ng/uL	0.00
4) Pyridine-d5	3.675	84	67699	9.425	ng/ul	0.00
7) Phenol-d5	6.999	99	81472	10.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	54369	10.800	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	64431	10.264	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	63983	10.352	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	31853	10.822	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	34654	12.207	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	63111	10.318	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	85642	10.020	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	200182	10.513	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	221785	9.622	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	32879	9.630	ng/ul	0.00
60) Fluorene-d10	15.428	176	167595	9.840	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	29776	10.628	ng/ul	0.00
73) Anthracene-d10	17.280	188	265854	9.648	ng/ul	0.00
81) Pyrene-d10	19.574	212	307362	10.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.251	264	247157	10.151	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	10767	3.850	ng/uL	97
5) Pyridine	3.693	79	70814	9.648	ng/ul	92
6) Benzaldehyde	6.934	77	60368	12.752	ng/ul	98
8) Phenol	7.022	94	85436	10.216	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.216	93	68217	10.607	ng/ul	96
12) 2-Chlorophenol	7.369	128	65766	10.015	ng/ul	96
13) 2-Methylphenol	8.263	108	61997	10.292	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	105386	11.234	ng/ul	98
16) Acetophenone	8.616	105	110033	10.623	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.599	70	56354	11.505	ng/ul#	99
18) 4-Methylphenol	8.587	108	68181	10.489	ng/ul	93
19) Hexachloroethane	8.875	117	30739	9.929	ng/ul	94
22) Nitrobenzene	8.987	77	87355	10.492	ng/ul	95
23) Isophorone	9.522	82	153542	11.036	ng/ul	99
25) 2-Nitrophenol	9.699	139	37979	11.758	ng/ul	95
26) 2,4-Dimethylphenol	9.781	107	77428	10.161	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.999	93	90731	11.036	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	64646	10.282	ng/ul	97
30) Naphthalene	10.640	128	213382	9.865	ng/ul	99
32) 4-Chloroaniline	10.751	127	82567	9.962	ng/ul	98
33) Hexachlorobutadiene	10.934	225	47315	9.085	ng/ul	94
34) Caprolactam	11.522	113	20153	10.421	ng/ul	94
35) 4-Chloro-3-methylphenol	11.910	107	72588	11.182	ng/ul	99
36) 2-Methylnaphthalene	12.251	142	147687	10.328	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	147714	10.462	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	85949	9.036	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	39523	7.784	ng/ul#	83
41) 2,4,6-Trichlorophenol	12.875	196	53614	10.314	ng/ul	95
42) 2,4,5-Trichlorophenol	12.969	196	58169	10.088	ng/ul	98
43) 1,1'-Biphenyl	13.269	154	198460	9.558	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	155923	9.388	ng/ul	97
45) 2-Nitroaniline	13.510	65	50855	11.721	ng/ul	95
47) Dimethylphthalate	13.892	163	202634	10.598	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	38242	11.479	ng/ul	99
50) Acenaphthylene	14.157	152	236344	9.706	ng/ul	97
51) 3-Nitroaniline	14.339	138	39918	10.980	ng/ul	96
52) Acenaphthene	14.498	153	169191	9.615	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	18711	10.127	ng/ul	96
55) 4-Nitrophenol	14.710	109	35690	9.907	ng/ul	93
56) Dibenzofuran	14.834	168	236970	9.772	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	57030	11.542	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.069	232	48937	11.260	ng/ul	99
59) Diethylphthalate	15.263	149	205506	10.964	ng/ul	100
61) Fluorene	15.481	166	190654	9.819	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.481	204	100544	10.136	ng/ul	98
63) 4-Nitroaniline	15.498	138	41163	11.629	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.557	198	32099	10.284	ng/ul#	97
67) N-Nitrosodiphenylamine	15.692	169	164185	9.848	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	58548	10.037	ng/ul	96
69) Hexachlorobenzene	16.492	284	63539	9.708	ng/ul	98
70) Atrazine	16.645	200	64414	10.289	ng/ul	97
71) Pentachlorophenol	16.839	266	40005	9.866	ng/ul	98
72) Phenanthrene	17.222	178	308029	9.746	ng/ul	100
74) Anthracene	17.316	178	307535	9.777	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	83815	8.953	ng/uL	99
76) Pentachlorobenzene	14.757	250	82211	9.195	ng/uL	93
77) Carbazole	17.586	167	270696	9.561	ng/ul	98
78) Di-n-butylphthalate	18.151	149	357653	12.222	ng/ul	100
80) Fluoranthene	19.239	202	360563	10.678	ng/ul	99
82) Pyrene	19.604	202	385722	10.575	ng/ul	99
83) Butylbenzylphthalate	20.510	149	159427	15.293	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.339	252	96075	9.797	ng/ul	98
85) Benzo(a)anthracene	21.416	228	363313	9.943	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	232730	14.996	ng/ul	99
87) Chrysene	21.474	228	347183	9.865	ng/ul	96
89) Di-n-octyl phthalate	22.486	149	381237	15.683	ng/ul	100
90) Benzo(b)fluoranthene	23.498	252	314036	10.794	ng/ul	98
91) Benzo(k)fluoranthene	23.563	252	312251	10.513	ng/ul	99
93) Benzo(a)pyrene	24.315	252	268329	9.733	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.874	276	297175	8.729	ng/ul	96
95) Dibenzo(a,h)anthracene	27.939	278	227573	8.348	ng/ul	97
96) Benzo(g,h,i)perylene	28.939	276	215576	8.080	ng/ul	96

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

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