Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024047.D
Acq On : 12 Feb 2025 12:47
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020659

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/14/2025
Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 13 17:09:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 13 12:56:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	500866	20.000	ng/ul	-0.03
20) Naphthalene-d8	10.510	136	2062910	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.363	164	1265363	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.186	188	2472214	20.000	ng/ul	0.02
79) Chrysene-d12	21.627	240	2466855	20.000	ng/ul	0.02
88) Perylene-d12	24.998	264	2515052	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	100563	8.342	ng/uL	-0.02
4) Pyridine-d5	3.675	84	733573	21.089	ng/ul	-0.02
7) Phenol-d5	6.910	99	917712	20.704	ng/ul	-0.04
9) Bis-(2-Chloroethyl)eth...	7.063	67	505674	21.553	ng/ul	-0.04
11) 2-Chlorophenol-d4	7.275	132	741915	21.315	ng/ul	-0.03
15) 4-Methylphenol-d8	8.440	113	727916	20.103	ng/ul	-0.02
21) Nitrobenzene-d5	8.881	128	357880	21.684	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.593	143	369930	20.772	ng/ul	-0.03
28) 2,4-Dichlorophenol-d3	10.134	165	714964	21.884	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.645	131	1034508	21.173	ng/ul	-0.02
46) Dimethylphthalate-d6	13.769	166	1946872	20.627	ng/ul	-0.02
49) Acenaphthylene-d8	14.057	160	2328142	21.871	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.586	143	333704	17.803	ng/ul	-0.01
60) Fluorene-d10	15.381	176	1693755	21.310	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	264680	17.354	ng/ul	0.00
73) Anthracene-d10	17.280	188	2649164	21.824	ng/ul	0.01
81) Pyrene-d10	19.657	212	2934283	22.199	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.756	264	2820770	21.496	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	108714	8.576	ng/uL	97
5) Pyridine	3.693	79	748279	21.487	ng/ul	98
6) Benzaldehyde	6.881	77	569710	26.188	ng/ul	100
8) Phenol	6.940	94	958865	21.068	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.157	93	728574	21.029	ng/ul	99
12) 2-Chlorophenol	7.304	128	775323	21.621	ng/ul	100
13) 2-Methylphenol	8.175	108	698795	20.405	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	759626	21.251	ng/ul	98
16) Acetophenone	8.546	105	1163426	21.018	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.528	70	527772	20.248	ng/ul	97
18) 4-Methylphenol	8.504	108	785389	20.670	ng/ul	100
19) Hexachloroethane	8.804	117	300733	21.209	ng/ul	99
22) Nitrobenzene	8.916	77	804245	22.454	ng/ul	98
23) Isophorone	9.446	82	1446484	20.001	ng/ul	98
25) 2-Nitrophenol	9.628	139	416091	21.421	ng/ul	99
26) 2,4-Dimethylphenol	9.693	107	767797	21.356	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.922	93	940953	20.888	ng/ul	100
29) 2,4-Dichlorophenol	10.163	162	716676	21.632	ng/ul	98
30) Naphthalene	10.557	128	2401403	21.747	ng/ul	100
32) 4-Chloroaniline	10.669	127	983896	21.338	ng/ul	100
33) Hexachlorobutadiene	10.845	225	430834	21.480	ng/ul	99
34) Caprolactam	11.445	113	225118	17.539	ng/ul	99
35) 4-Chloro-3-methylphenol	11.810	107	732736	20.574	ng/ul	97
36) 2-Methylnaphthalene	12.175	142	1646358	21.205	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	1627054	21.125	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	850234	22.729	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	474744	22.522	ng/ul	99
41) 2,4,6-Trichlorophenol	12.787	196	537294	21.503	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	584399	21.698	ng/ul	99
43) 1,1'-Biphenyl	13.192	154	2103255	22.392	ng/ul	100
44) 2-Chloronaphthalene	13.234	162	1635800	22.351	ng/ul	100
45) 2-Nitroaniline	13.434	65	415700	21.824	ng/ul	96
47) Dimethylphthalate	13.816	163	1954504	20.813	ng/ul	100
48) 2,6-Dinitrotoluene	13.934	165	385283	20.994	ng/ul	100
50) Acenaphthylene	14.086	152	2496311	22.020	ng/ul	99
51) 3-Nitroaniline	14.269	138	424914	21.067	ng/ul	95
52) Acenaphthene	14.434	153	1764424	21.952	ng/ul	100
53) 2,4-Dinitrophenol	14.481	184	209918	19.186	ng/ul	96
55) 4-Nitrophenol	14.604	109	251491	18.965	ng/ul	97
56) Dibenzofuran	14.781	168	2436562	21.877	ng/ul	100
57) 2,4-Dinitrotoluene	14.733	165	575881	21.096	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.010	232	471223	20.561	ng/ul	96
59) Diethylphthalate	15.216	149	1933821	20.554	ng/ul	99
61) Fluorene	15.445	166	2022578	21.891	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	990172	21.650	ng/ul	97
63) 4-Nitroaniline	15.463	138	449188	22.891	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.516	198	304084	18.135	ng/ul	99
67) N-Nitrosodiphenylamine	15.651	169	1653897	21.920	ng/ul	100
68) 4-Bromophenyl-phenylether	16.351	248	595511	21.351	ng/ul	98
69) Hexachlorobenzene	16.469	284	709332	20.989	ng/ul	98
70) Atrazine	16.628	200	603035	20.639	ng/ul	98
71) Pentachlorophenol	16.828	266	418585	20.137	ng/ul	100
72) Phenanthrene	17.222	178	3111109	22.284	ng/ul	100
74) Anthracene	17.316	178	3136399	22.276	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	830480	22.940	ng/uL	99
76) Pentachlorobenzene	14.692	250	869203	22.280	ng/uL	99
77) Carbazole	17.598	167	2803493	22.729	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3148788	20.625	ng/ul	100
80) Fluoranthene	19.304	202	3429526	22.525	ng/ul	100
82) Pyrene	19.686	202	3712641	23.318	ng/ul	99
83) Butylbenzylphthalate	20.639	149	1341807	19.570	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.527	252	996410	18.669	ng/ul	100
85) Benzo(a)anthracene	21.610	228	3528234	21.750	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	2021701	20.209	ng/ul	99
87) Chrysene	21.680	228	3297969	22.065	ng/ul	99
89) Di-n-octyl phthalate	22.839	149	3090078	20.496	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	3286990	21.539	ng/ul	100
91) Benzo(k)fluoranthene	23.992	252	3400638	22.228	ng/ul	99
93) Benzo(a)pyrene	24.833	252	3079487	21.608	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.803	276	3584538m	19.404	ng/ul	
95) Dibenzo(a,h)anthracene	28.892	278	2835705	18.923	ng/ul	99
96) Benzo(g,h,i)perylene	29.986	276	2796793	19.766	ng/ul	99

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

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