Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
Data File : BG064035.D
Acq On : 3 Mar 2025 12:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Mar 04 07:10:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 07:06:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	35036	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	152939	20.000	ng	#	0.00
39) Acenaphthene-d10	14.482	164	110647	20.000	ng		0.00
64) Phenanthrene-d10	17.226	188	255291	20.000	ng		0.00
76) Chrysene-d12	21.457	240	263393	20.000	ng		0.00
86) Perylene-d12	24.471	264	268878	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	16702	8.176	ng		0.00
7) Phenol-d6	7.021	99	21850	7.583	ng		0.00
23) Nitrobenzene-d5	9.012	82	18546	7.048	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	5747	14.441	ng		0.00
45) 2-Fluorobiphenyl	13.113	172	73479	10.103	ng		0.00
79) Terphenyl-d14	19.847	244	135412	10.435	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.372	88	5896	5.763	ng		84
3) Pyridine	3.760	79	12334m	5.082	ng		
4) n-Nitrosodimethylamine	3.677	42	8834	4.989	ng	#	90
6) Aniline	7.185	93	13754	4.470	ng	#	90
8) 2-Chlorophenol	7.426	128	7809	3.594	ng		90
9) Benzaldehyde	7.003	77	9821	5.717	ng		98
10) Phenol	7.050	94	11622	3.873	ng		90
11) bis(2-Chloroethyl)ether	7.285	93	11610	4.663	ng		84
12) 1,3-Dichlorobenzene	7.749	146	13091	5.061	ng		89
13) 1,4-Dichlorobenzene	7.896	146	13857	5.182	ng		99
14) 1,2-Dichlorobenzene	8.213	146	12465m	4.883	ng		
16) 2,2'-oxybis(1-Chloropr...	8.395	45	25320	4.515	ng		95
17) 2-Methylphenol	8.301	107	7814	3.869	ng		94
18) Hexachloroethane	8.936	117	3737	4.170	ng		92
19) n-Nitroso-di-n-propyla...	8.660	70	9464	4.192	ng	#	94
22) Acetophenone	8.678	105	20755	4.918	ng	#	97
24) Nitrobenzene	9.054	77	10327	3.720	ng		97
25) Isophorone	9.576	82	23195	4.148	ng		97
26) 2-Nitrophenol	9.764	139	1941	4.101	ng		100
27) 2,4-Dimethylphenol	9.823	122	5195	3.495	ng		95
28) bis(2-Chloroethoxy)met...	10.064	93	15810	4.599	ng	#	88
29) 2,4-Dichlorophenol	10.293	162	5648	6.601	ng		97
30) 1,2,4-Trichlorobenzene	10.517	180	12245	4.908	ng		91
31) Naphthalene	10.699	128	41162	4.997	ng		96
33) 4-Chloroaniline	10.804	127	13018	4.269	ng		97
34) Hexachlorobutadiene	10.992	225	7538	4.648	ng	#	86
36) 4-Chloro-3-methylphenol	11.921	107	9076	3.472	ng		91
37) 2-Methylnaphthalene	12.309	142	28327	4.766	ng		93
38) 1-Methylnaphthalene	12.532	142	28879	4.866	ng		95
40) 1,2,4,5-Tetrachloroben...	12.679	216	15235	4.960	ng		98
43) 2,4,6-Trichlorophenol	12.914	196	4729	7.123	ng		90
44) 2,4,5-Trichlorophenol	12.978	196	5713	6.784	ng		94
46) 1,1'-Biphenyl	13.325	154	40789	4.835	ng		93
47) 2-Chloronaphthalene	13.360	162	29503	4.860	ng		99
48) 2-Nitroaniline	13.554	65	3660	6.080	ng		91
49) Acenaphthylene	14.200	152	45507	4.749	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Dimethylphthalate	13.942	163	25267	3.484	ng		96
51) 2,6-Dinitrotoluene	14.059	165	3441	6.503	ng		90
52) Acenaphthene	14.547	154	31160	4.751	ng		97
53) 3-Nitroaniline	14.383	138	3254	6.294	ng	#	87
55) Dibenzofuran	14.882	168	52356	4.993	ng		98
57) 2,4-Dinitrotoluene	14.841	165	4512	7.074	ng	#	92
58) Fluorene	15.528	166	39212	4.849	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.105	232	4652	6.479	ng	#	94
60) Diethylphthalate	15.311	149	24309	3.169	ng		98
61) 4-Chlorophenyl-phenyle...	15.528	204	21213	5.189	ng	#	89
62) 4-Nitroaniline	15.534	138	4286	5.571	ng	#	73
63) Azobenzene	15.822	77	46527	4.844	ng		97
66) n-Nitrosodiphenylamine	15.740	169	32307	4.558	ng		90
67) 4-Bromophenyl-phenylether	16.421	248	12297	4.692	ng		93
68) Hexachlorobenzene	16.533	284	13699	4.694	ng	#	90
69) Atrazine	16.692	200	6758	4.237	ng		91
71) Phenanthrene	17.267	178	68765	5.062	ng		98
72) Anthracene	17.356	178	66823	4.949	ng		95
73) Carbazole	17.626	167	52515	4.377	ng		98
74) Di-n-butylphthalate	18.202	149	34586	6.714	ng		98
75) Fluoranthene	19.277	202	77198	4.853	ng		96
78) Pyrene	19.635	202	82553	4.912	ng		98
80) Butylbenzylphthalate	20.540	149	10399	6.954	ng		94
81) Benzo(a)anthracene	21.439	228	79590	4.741	ng		96
82) 3,3'-Dichlorobenzidine	21.363	252	16774	3.469	ng	#	99
83) Chrysene	21.498	228	85089	5.060	ng		93
84) Bis(2-ethylhexyl)phtha...	21.380	149	16558	5.721	ng	#	99
87) Indeno(1,2,3-cd)pyrene	27.855	276	87608	4.902	ng		92
88) Benzo(b)fluoranthene	23.519	252	73842m	4.597	ng		
89) Benzo(k)fluoranthene	23.578	252	77070	4.714	ng		97
90) Benzo(a)pyrene	24.324	252	66507	4.642	ng	#	98
91) Dibenzo(a,h)anthracene	27.914	278	70005	4.742	ng	#	93
92) Benzo(g,h,i)perylene	28.901	276	76882	5.001	ng		96

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

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