Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010325\
Data File : BG063930.D
Acq On : 3 Jan 2025 18:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG010325

Quant Time: Jan 03 23:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 23:17:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.795	152	108196	20.000	ng		0.00
21) Naphthalene-d8	10.580	136	414948	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	299739	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	670477	20.000	ng		0.00
76) Chrysene-d12	21.449	240	729990	20.000	ng		0.00
86) Perylene-d12	24.469	264	767061	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.392	112	536410	78.991	ng		0.00
7) Phenol-d6	6.984	99	761684	77.532	ng		0.00
23) Nitrobenzene-d5	8.952	82	843707	80.093	ng		0.00
42) 2,4,6-Tribromophenol	15.938	330	280735	77.670	ng		0.00
45) 2-Fluorobiphenyl	13.053	172	1591832	76.937	ng		0.00
79) Terphenyl-d14	19.828	244	2757061	74.990	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.294	88	145193	40.670	ng		96
3) Pyridine	3.688	79	374397	38.929	ng		99
4) n-Nitrosodimethylamine	3.606	42	143271	38.974	ng		90
6) Aniline	7.125	93	337390	39.536	ng		96
8) 2-Chlorophenol	7.366	128	257314	38.973	ng		99
9) Benzaldehyde	6.937	77	250684	39.960	ng		92
10) Phenol	7.007	94	399235	39.032	ng		96
11) bis(2-Chloroethyl)ether	7.219	93	316114	39.419	ng		98
12) 1,3-Dichlorobenzene	7.683	146	311137	39.098	ng		99
13) 1,4-Dichlorobenzene	7.830	146	317458	39.911	ng		95
14) 1,2-Dichlorobenzene	8.147	146	310973	39.726	ng		95
15) Benzyl Alcohol	8.036	79	275610	39.097	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.324	45	441565	38.251	ng		99
17) 2-Methylphenol	8.247	107	265908	40.050	ng		94
18) Hexachloroethane	8.864	117	119692	38.797	ng		98
19) n-Nitroso-di-n-propyla...	8.600	70	285746	39.828	ng		97
20) 3+4-Methylphenols	8.576	107	358149	40.104	ng		94
22) Acetophenone	8.611	105	493706	39.624	ng	#	98
24) Nitrobenzene	8.993	77	448431	39.647	ng		98
25) Isophorone	9.510	82	739103	39.811	ng		99
26) 2-Nitrophenol	9.704	139	144734	40.327	ng		94
27) 2,4-Dimethylphenol	9.769	122	182482	39.874	ng		98
28) bis(2-Chloroethoxy)met...	9.998	93	438684	39.624	ng		99
29) 2,4-Dichlorophenol	10.245	162	273627	40.015	ng		97
30) 1,2,4-Trichlorobenzene	10.450	180	329983	39.898	ng		100
31) Naphthalene	10.633	128	883105	39.257	ng		98
32) Benzoic acid	9.945	122	110903m	36.225	ng		
33) 4-Chloroaniline	10.744	127	304734	41.728	ng		98
34) Hexachlorobutadiene	10.920	225	224016	39.514	ng		98
35) Caprolactam	11.520	113	91115	40.352	ng		93
36) 4-Chloro-3-methylphenol	11.890	107	302574	39.862	ng		98
37) 2-Methylnaphthalene	12.248	142	623794	39.466	ng		98
38) 1-Methylnaphthalene	12.472	142	616595	39.223	ng		99
40) 1,2,4,5-Tetrachloroben...	12.624	216	386861	38.469	ng		99
41) Hexachlorocyclopentadiene	12.601	237	45285	34.332	ng		99
43) 2,4,6-Trichlorophenol	12.871	196	234694	39.621	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.953	196	268227	40.349	ng		99
46) 1,1'-Biphenyl	13.265	154	851331	38.915	ng		97
47) 2-Chloronaphthalene	13.312	162	699213	38.875	ng		98
48) 2-Nitroaniline	13.523	65	240452	39.955	ng		93
49) Acenaphthylene	14.158	152	1041135	39.068	ng		98
50) Dimethylphthalate	13.899	163	842673	38.490	ng		100
51) 2,6-Dinitrotoluene	14.023	165	191144	39.194	ng		96
52) Acenaphthene	14.505	154	629383	38.627	ng		98
53) 3-Nitroaniline	14.352	138	176234	39.392	ng		87
54) 2,4-Dinitrophenol	14.575	184	83628	36.374	ng		93
55) Dibenzofuran	14.839	168	1094816	38.711	ng		100
56) 4-Nitrophenol	14.687	139	131367	42.822	ng		96
57) 2,4-Dinitrotoluene	14.816	165	270596	39.527	ng		100
58) Fluorene	15.492	166	841413	38.290	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.080	232	232466	39.628	ng		97
60) Diethylphthalate	15.262	149	840373	38.943	ng		98
61) 4-Chlorophenyl-phenyle...	15.486	204	457154	38.370	ng		100
62) 4-Nitroaniline	15.521	138	190681	41.002	ng		98
63) Azobenzene	15.779	77	1052660	38.561	ng		99
65) 4,6-Dinitro-2-methylph...	15.591	198	144212	41.254	ng		96
66) n-Nitrosodiphenylamine	15.703	169	722884	41.401	ng		98
67) 4-Bromophenyl-phenylether	16.379	248	306459	41.345	ng		94
68) Hexachlorobenzene	16.508	284	346146	40.906	ng		98
69) Atrazine	16.655	200	214685	38.355	ng		97
70) Pentachlorophenol	16.855	266	157792	44.948	ng		95
71) Phenanthrene	17.237	178	1441966	41.345	ng		100
72) Anthracene	17.331	178	1404572	41.373	ng		99
73) Carbazole	17.601	167	1318193	42.044	ng		99
74) Di-n-butylphthalate	18.159	149	1465169	41.940	ng		99
75) Fluoranthene	19.258	202	1814854	41.238	ng		99
77) Benzidine	19.446	184	407208	39.867	ng		97
78) Pyrene	19.628	202	1902032	37.985	ng		100
80) Butylbenzylphthalate	20.521	149	609933	39.480	ng		97
81) Benzo(a)anthracene	21.432	228	1848952	37.865	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	598503	39.456	ng		97
83) Chrysene	21.496	228	1789096	37.732	ng		98
84) Bis(2-ethylhexyl)phtha...	21.344	149	936033	39.625	ng		100
85) Di-n-octyl phthalate	22.478	149	1621393	39.401	ng		100
87) Indeno(1,2,3-cd)pyrene	27.889	276	2152773	40.413	ng	#	85
88) Benzo(b)fluoranthene	23.517	252	1875214	39.107	ng		99
89) Benzo(k)fluoranthene	23.582	252	1945801	40.440	ng		98
90) Benzo(a)pyrene	24.328	252	1680306	39.453	ng		98
91) Dibenzo(a,h)anthracene	27.930	278	1725336	39.138	ng		99
92) Benzo(g,h,i)perylene	28.952	276	1799901	39.691	ng		100

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

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