Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
Data File : BG060279.D
Acq On : 5 Jan 2024 20:39
Operator : MA/JU
Sample : P1040-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 06 00:45:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	221702	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	853190	20.000	ng		0.00
39) Acenaphthene-d10	14.571	164	612215	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1560699	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1566177	20.000	ng		0.00
86) Perylene-d12	24.753	264	1780178	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	1163456	79.208	ng		0.00
7) Phenol-d6	7.097	99	1886239	86.488	ng		0.00
23) Nitrobenzene-d5	9.095	82	1229034	66.537	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	646234	78.856	ng		0.00
45) 2-Fluorobiphenyl	13.196	172	2880436	67.620	ng		0.00
79) Terphenyl-d14	19.941	244	4561123	55.988	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	243774	37.302	ng		99
3) Pyridine	3.801	79	624661	33.703	ng		91
4) n-Nitrosodimethylamine	3.719	42	268159	38.784	ng		92
6) Aniline	7.256	93	535989	24.529	ng		97
8) 2-Chlorophenol	7.497	128	608046	43.072	ng		98
9) Benzaldehyde	7.068	77	137977	10.523	ng		92
10) Phenol	7.127	94	948727	43.138	ng		97
11) bis(2-Chloroethyl)ether	7.356	93	683184	38.388	ng		96
12) 1,3-Dichlorobenzene	7.820	146	683222	39.206	ng		98
13) 1,4-Dichlorobenzene	7.967	146	704128	39.967	ng		97
14) 1,2-Dichlorobenzene	8.284	146	684752	39.757	ng		99
15) Benzyl Alcohol	8.172	79	591257	43.677	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.460	45	813532	35.618	ng		98
17) 2-Methylphenol	8.378	107	594314	43.156	ng		96
18) Hexachloroethane	9.013	117	237952	42.885	ng		93
19) n-Nitroso-di-n-propyla...	8.736	70	550451	36.945	ng		99
20) 3+4-Methylphenols	8.701	107	798742	40.924	ng		96
22) Acetophenone	8.754	105	1067870	42.244	ng	#	98
24) Nitrobenzene	9.136	77	791327	41.872	ng		97
25) Isophorone	9.653	82	1488008	38.504	ng		100
26) 2-Nitrophenol	9.847	139	319875	48.504	ng		94
27) 2,4-Dimethylphenol	9.906	122	505716	54.137	ng		97
28) bis(2-Chloroethoxy)met...	10.141	93	928791	41.034	ng		99
29) 2,4-Dichlorophenol	10.382	162	701097	47.488	ng		98
30) 1,2,4-Trichlorobenzene	10.599	180	744446	41.429	ng		99
31) Naphthalene	10.787	128	1850645	41.086	ng		99
32) Benzoic acid	10.047	122	359255	44.097	ng		96
33) 4-Chloroaniline	10.899	127	282772	16.075	ng		98
34) Hexachlorobutadiene	11.069	225	420612	39.357	ng		96
35) Caprolactam	11.668	113	220834m	44.967	ng		
36) 4-Chloro-3-methylphenol	12.021	107	683444	44.982	ng		99
37) 2-Methylnaphthalene	12.397	142	1321808	40.627	ng		99
38) 1-Methylnaphthalene	12.614	142	1312969	39.915	ng		97
40) 1,2,4,5-Tetrachloroben...	12.761	216	872616	44.498	ng		99
41) Hexachlorocyclopentadiene	12.744	237	839133	132.384	ng		98
43) 2,4,6-Trichlorophenol	13.002	196	596302	46.272	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	659279	45.732	ng		97
46) 1,1'-Biphenyl	13.402	154	1996572	44.326	ng		99
47) 2-Chloronaphthalene	13.449	162	1651690	43.040	ng		99
48) 2-Nitroaniline	13.648	65	514791	51.331	ng		96
49) Acenaphthylene	14.295	152	2618982	47.366	ng		99
50) Dimethylphthalate	14.024	163	2026442	42.872	ng		99
51) 2,6-Dinitrotoluene	14.148	165	451761	45.950	ng		97
52) Acenaphthene	14.635	154	1470090	42.607	ng		98
53) 3-Nitroaniline	14.477	138	235771	25.450	ng		95
54) 2,4-Dinitrophenol	14.682	184	488149	84.720	ng		98
55) Dibenzofuran	14.970	168	2540685	43.959	ng		99
56) 4-Nitrophenol	14.788	139	787141	112.409	ng		98
57) 2,4-Dinitrotoluene	14.935	165	646019	48.323	ng	#	100
58) Fluorene	15.623	166	2095399	44.204	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.199	232	609107	48.475	ng		99
60) Diethylphthalate	15.387	149	1992210	44.197	ng		99
61) 4-Chlorophenyl-phenyle...	15.611	204	1035808	41.965	ng		98
62) 4-Nitroaniline	15.646	138	465304	47.656	ng		99
63) Azobenzene	15.905	77	2054131	43.955	ng		98
65) 4,6-Dinitro-2-methylph...	15.699	198	375976	48.145	ng		97
66) n-Nitrosodiphenylamine	15.828	169	1845072	43.872	ng		97
67) 4-Bromophenyl-phenylether	16.510	248	686989	41.518	ng		98
68) Hexachlorobenzene	16.621	284	797331	41.098	ng		96
69) Atrazine	16.780	200	754965	48.843	ng		99
70) Pentachlorophenol	16.968	266	1009869	94.755	ng		96
71) Phenanthrene	17.362	178	3475791	45.056	ng		99
72) Anthracene	17.456	178	3453617	45.070	ng		97
73) Carbazole	17.726	167	3280848	45.142	ng		99
74) Di-n-butylphthalate	18.284	149	3427626	48.667	ng		99
75) Fluoranthene	19.377	202	4104001	45.354	ng		96
77) Benzidine	19.559	184	1656011	38.204	ng		99
78) Pyrene	19.741	202	4265632	40.517	ng		95
80) Butylbenzylphthalate	20.628	149	1702409	54.840	ng		98
81) Benzo(a)anthracene	21.568	228	4292636	43.108	ng		96
82) 3,3'-Dichlorobenzidine	21.486	252	922629	25.479	ng		98
83) Chrysene	21.633	228	4087104	42.247	ng		96
84) Bis(2-ethylhexyl)phtha...	21.474	149	2511994	53.360	ng		97
85) Di-n-octyl phthalate	22.667	149	4209800	54.630	ng		99
87) Indeno(1,2,3-cd)pyrene	28.372	276	5673620	45.206	ng		100
88) Benzo(b)fluoranthene	23.748	252	4605138	43.047	ng		98
89) Benzo(k)fluoranthene	23.819	252	4531626	42.087	ng		99
90) Benzo(a)pyrene	24.612	252	4196228	43.356	ng		99
91) Dibenzo(a,h)anthracene	28.443	278	4588746	44.498	ng		99
92) Benzo(g,h,i)perylene	29.512	276	4487790	42.964	ng		100

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

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