Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
Data File : BG060280.D
Acq On : 5 Jan 2024 21:20
Operator : MA/JU
Sample : P1040-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2MSD

Manual Integrations APPROVED

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

Quant Time: Jan 06 00:46:50 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	7.933	152	238013	20.000	ng		0.00
21) Naphthalene-d8	10.736	136	934080	20.000	ng		0.00
39) Acenaphthene-d10	14.572	164	685231	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	1719575	20.000	ng		0.00
76) Chrysene-d12	21.587	240	1625281	20.000	ng		0.00
86) Perylene-d12	24.754	264	1838686	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.506	112	1244051	78.890	ng		0.00
7) Phenol-d6	7.099	99	2042543	87.237	ng		0.00
23) Nitrobenzene-d5	9.096	82	1334777	66.004	ng		0.00
42) 2,4,6-Tribromophenol	16.065	330	707438	77.126	ng		0.00
45) 2-Fluorobiphenyl	13.191	172	3134427	65.742	ng		0.00
79) Terphenyl-d14	19.936	244	4669142	55.230	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.409	88	252963	36.056	ng	#	92
3) Pyridine	3.797	79	635644	31.946	ng		97
4) n-Nitrosodimethylamine	3.720	42	269175	36.263	ng		92
6) Aniline	7.257	93	597648	25.477	ng		97
8) 2-Chlorophenol	7.498	128	661736	43.663	ng		99
9) Benzaldehyde	7.069	77	137696	9.782	ng		96
10) Phenol	7.128	94	1036680	43.906	ng		95
11) bis(2-Chloroethyl)ether	7.351	93	758049	39.676	ng		95
12) 1,3-Dichlorobenzene	7.821	146	737392	39.415	ng		98
13) 1,4-Dichlorobenzene	7.968	146	753089	39.817	ng		98
14) 1,2-Dichlorobenzene	8.285	146	730426	39.503	ng		98
15) Benzyl Alcohol	8.174	79	642935	44.240	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.456	45	885145	36.098	ng		98
17) 2-Methylphenol	8.374	107	647652	43.807	ng		98
18) Hexachloroethane	9.014	117	254302	42.691	ng		89
19) n-Nitroso-di-n-propyla...	8.738	70	600515	37.543	ng		98
20) 3+4-Methylphenols	8.703	107	888651	42.410	ng		97
22) Acetophenone	8.755	105	1184011	42.783	ng	#	97
24) Nitrobenzene	9.137	77	856124	41.377	ng		97
25) Isophorone	9.654	82	1627541	38.467	ng		99
26) 2-Nitrophenol	9.848	139	360141	49.881	ng		96
27) 2,4-Dimethylphenol	9.907	122	553031	54.075	ng		99
28) bis(2-Chloroethoxy)met...	10.142	93	1017723	41.069	ng		99
29) 2,4-Dichlorophenol	10.383	162	761091	47.088	ng		95
30) 1,2,4-Trichlorobenzene	10.600	180	794696	40.396	ng		99
31) Naphthalene	10.788	128	2039144	41.351	ng		98
32) Benzoic acid	10.048	122	407100	45.282	ng		90
33) 4-Chloroaniline	10.894	127	289391	15.026	ng		96
34) Hexachlorobutadiene	11.070	225	461660	39.457	ng		100
35) Caprolactam	11.670	113	246893m	45.920	ng		
36) 4-Chloro-3-methylphenol	12.022	107	755773	45.434	ng		99
37) 2-Methylnaphthalene	12.398	142	1460923	41.015	ng		99
38) 1-Methylnaphthalene	12.616	142	1445833	40.148	ng		98
40) 1,2,4,5-Tetrachloroben...	12.763	216	962903	43.869	ng		99
41) Hexachlorocyclopentadiene	12.745	237	928250	130.839	ng		100
43) 2,4,6-Trichlorophenol	13.003	196	673815	46.716	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	743419	46.073	ng		99
46) 1,1'-Biphenyl	13.403	154	2174866	43.139	ng		98
47) 2-Chloronaphthalene	13.450	162	1801029	41.931	ng		99
48) 2-Nitroaniline	13.656	65	555600	49.496	ng		97
49) Acenaphthylene	14.296	152	2857726	46.176	ng		99
50) Dimethylphthalate	14.026	163	2227727	42.108	ng		99
51) 2,6-Dinitrotoluene	14.149	165	500841	45.514	ng		99
52) Acenaphthene	14.637	154	1616351	41.854	ng		99
53) 3-Nitroaniline	14.478	138	251559	24.261	ng	#	88
54) 2,4-Dinitrophenol	14.684	184	566324	87.514	ng		97
55) Dibenzofuran	14.972	168	2776854	42.926	ng		99
56) 4-Nitrophenol	14.790	139	841234	107.333	ng		97
57) 2,4-Dinitrotoluene	14.936	165	701729	46.897	ng		98
58) Fluorene	15.618	166	2255840	42.518	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.195	232	683782	48.619	ng		99
60) Diethylphthalate	15.389	149	2166187	42.936	ng		99
61) 4-Chlorophenyl-phenyle...	15.612	204	1158122	41.921	ng		97
62) 4-Nitroaniline	15.647	138	499300	45.688	ng		98
63) Azobenzene	15.906	77	2249503	43.006	ng		98
65) 4,6-Dinitro-2-methylph...	15.694	198	408881	47.521	ng		95
66) n-Nitrosodiphenylamine	15.830	169	2015019	43.486	ng		99
67) 4-Bromophenyl-phenylether	16.505	248	741011	40.645	ng		94
68) Hexachlorobenzene	16.623	284	873804	40.879	ng		95
69) Atrazine	16.776	200	815953	47.911	ng		99
70) Pentachlorophenol	16.969	266	1096674	93.393	ng		98
71) Phenanthrene	17.363	178	3661003	43.072	ng		98
72) Anthracene	17.451	178	3653947	43.279	ng		97
73) Carbazole	17.727	167	3373474	42.128	ng		97
74) Di-n-butylphthalate	18.280	149	3549534	45.741	ng		98
75) Fluoranthene	19.378	202	4191360	42.040	ng		97
77) Benzidine	19.560	184	1706895	37.946	ng		99
78) Pyrene	19.743	202	4323402	39.572	ng		95
80) Butylbenzylphthalate	20.630	149	1737918	53.948	ng		98
81) Benzo(a)anthracene	21.570	228	4350456	42.100	ng		97
82) 3,3'-Dichlorobenzidine	21.488	252	948061	25.229	ng		99
83) Chrysene	21.634	228	4151209	41.349	ng		95
84) Bis(2-ethylhexyl)phtha...	21.476	149	2563075	52.465	ng		99
85) Di-n-octyl phthalate	22.669	149	4249623	53.142	ng		99
87) Indeno(1,2,3-cd)pyrene	28.374	276	5662895	43.684	ng		99
88) Benzo(b)fluoranthene	23.750	252	4663771	42.208	ng		98
89) Benzo(k)fluoranthene	23.820	252	4514561	40.594	ng		99
90) Benzo(a)pyrene	24.613	252	4282636	42.841	ng		99
91) Dibenzo(a,h)anthracene	28.438	278	4632566	43.493	ng		96
92) Benzo(g,h,i)perylene	29.502	276	4510884	41.811	ng		99

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

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