Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061206.D
Acq On : 15 May 2024 14:59
Operator : MA/JU
Sample : P2444-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-DDMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 15:42:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	23995	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	93275	20.000	ng	#-0.03
39) Acenaphthene-d10	14.556	164	72790	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	169886	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	175029	20.000	ng	#-0.03
86) Perylene-d12	24.691	264	207766	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	161814	137.148	ng	-0.02
7) Phenol-d6	7.112	99	208580	119.505	ng	-0.02
23) Nitrobenzene-d5	9.086	82	170571	90.652	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	185388	127.419	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	467271	94.925	ng	-0.03
79) Terphenyl-d14	19.926	244	962690	91.476	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	14608	30.621	ng	# 1
3) Pyridine	3.845	79	21571	15.366	ng	92
4) n-Nitrosodimethylamine	3.745	42	48002	35.591	ng	100
6) Aniline	7.253	93	13054	7.544	ng	98
8) 2-Chlorophenol	7.500	128	66814	46.159	ng	94
9) Benzaldehyde	7.071	77	10438	8.794	ng	98
10) Phenol	7.141	94	74697	42.084	ng	94
11) bis(2-Chloroethyl)ether	7.353	93	54386	44.354	ng	94
12) 1,3-Dichlorobenzene	7.817	146	73529	43.090	ng	97
13) 1,4-Dichlorobenzene	7.964	146	75940	43.059	ng	96
14) 1,2-Dichlorobenzene	8.281	146	74470	43.766	ng	95
15) Benzyl Alcohol	8.170	79	66822	42.441	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.446	45	126639m	47.596	ng	
17) 2-Methylphenol	8.381	107	56769	44.880	ng	97
18) Hexachloroethane	9.010	117	28363	45.071	ng	93
19) n-Nitroso-di-n-propyla...	8.734	70	51354	39.316	ng	94
20) 3+4-Methylphenols	8.710	107	75517	41.381	ng	93
22) Acetophenone	8.745	105	108562	46.735	ng	96
24) Nitrobenzene	9.133	77	83852	45.554	ng	97
25) Isophorone	9.650	82	148531	42.704	ng	96
26) 2-Nitrophenol	9.838	139	41075	47.098	ng	96
27) 2,4-Dimethylphenol	9.903	122	52113	51.830	ng	95
28) bis(2-Chloroethoxy)met...	10.132	93	78674	46.089	ng	96
29) 2,4-Dichlorophenol	10.385	162	75529	47.943	ng	97
30) 1,2,4-Trichlorobenzene	10.590	180	88596	46.673	ng	97
31) Naphthalene	10.772	128	222319	45.861	ng	99
32) Benzoic acid	10.073	122	30117m	25.911	ng	
33) 4-Chloroaniline	10.890	127	8499	4.396	ng	96
34) Hexachlorobutadiene	11.060	225	73109	44.887	ng	98
35) Caprolactam	11.671	113	16312m	28.752	ng	
36) 4-Chloro-3-methylphenol	12.024	107	82323	43.336	ng	96
37) 2-Methylnaphthalene	12.382	142	158087	43.518	ng	99
38) 1-Methylnaphthalene	12.600	142	150947	41.275	ng	96
40) 1,2,4,5-Tetrachloroben...	12.752	216	128136	52.748	ng	99
41) Hexachlorocyclopentadiene	12.729	237	56355	60.601	ng	97
43) 2,4,6-Trichlorophenol	12.999	196	76769	49.224	ng	95

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Data File : BG061206.D
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Operator : MA/JU
Sample : P2444-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 15 15:42:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	82790	46.904	ng		98
46) 1,1'-Biphenyl	13.393	154	231481	49.598	ng		98
47) 2-Chloronaphthalene	13.434	162	183663	49.144	ng		95
48) 2-Nitroaniline	13.640	65	68222	49.194	ng		98
49) Acenaphthylene	14.280	152	304088	52.977	ng		100
50) Dimethylphthalate	14.016	163	249986	44.464	ng		99
51) 2,6-Dinitrotoluene	14.139	165	52319	43.506	ng		92
52) Acenaphthene	14.621	154	169942	47.460	ng		97
53) 3-Nitroaniline	14.462	138	11305	10.274	ng	#	98
54) 2,4-Dinitrophenol	14.685	184	39925	47.750	ng		98
55) Dibenzofuran	14.962	168	290213	47.983	ng		99
56) 4-Nitrophenol	14.803	139	63477	71.382	ng		95
57) 2,4-Dinitrotoluene	14.932	165	78800	44.290	ng		93
58) Fluorene	15.608	166	241197	46.086	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	79956	44.005	ng		98
60) Diethylphthalate	15.379	149	243930	43.024	ng		99
61) 4-Chlorophenyl-phenyle...	15.602	204	144564	46.002	ng		97
62) 4-Nitroaniline	15.631	138	46536	38.994	ng		90
63) Azobenzene	15.896	77	207890	47.103	ng		97
65) 4,6-Dinitro-2-methylph...	15.696	198	34326	32.565	ng		93
66) n-Nitrosodiphenylamine	15.819	169	207580	49.273	ng		97
67) 4-Bromophenyl-phenylether	16.495	248	102238	51.086	ng		91
68) Hexachlorobenzene	16.619	284	123614	49.626	ng		99
69) Atrazine	16.771	200	75285	43.332	ng		99
70) Pentachlorophenol	16.965	266	122923	80.327	ng		98
71) Phenanthrene	17.353	178	390153	50.226	ng		100
72) Anthracene	17.441	178	397957	51.342	ng		99
73) Carbazole	17.711	167	337952	49.589	ng		98
74) Di-n-butylphthalate	18.275	149	401611	49.559	ng		99
75) Fluoranthene	19.362	202	512184	48.129	ng		97
77) Benzidine	19.556	184	36367m	13.078	ng		
78) Pyrene	19.727	202	529838	47.615	ng		99
80) Butylbenzylphthalate	20.614	149	175034	49.692	ng		98
81) Benzo(a)anthracene	21.548	228	566388	49.451	ng		98
82) 3,3'-Dichlorobenzidine	21.466	252	70248	17.043	ng		99
83) Chrysene	21.613	228	537603	50.099	ng		98
84) Bis(2-ethylhexyl)phtha...	21.460	149	241505	52.505	ng		98
85) Di-n-octyl phthalate	22.641	149	419052	51.639	ng		99
87) Indeno(1,2,3-cd)pyrene	28.246	276	603279	43.814	ng	#	74
88) Benzo(b)fluoranthene	23.704	252	553362	47.662	ng		99
89) Benzo(k)fluoranthene	23.769	252	562561	50.367	ng		100
90) Benzo(a)pyrene	24.544	252	526924	52.094	ng		99
91) Dibenzo(a,h)anthracene	28.305	278	511148m	44.827	ng		
92) Benzo(g,h,i)perylene	29.345	276	443348m	39.126	ng		

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

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