Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060051.D
Acq On : 16 Dec 2023 1:59
Operator : MA/JU
Sample : 05791-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
597-P-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

Quant Time: Dec 16 03:18:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	72943	20.000	ng		0.00
21) Naphthalene-d8	10.763	136	283802	20.000	ng	#	0.00
39) Acenaphthene-d10	14.594	164	236203	20.000	ng		0.00
64) Phenanthrene-d10	17.343	188	687106	20.000	ng		0.00
76) Chrysene-d12	21.615	240	814595	20.000	ng	#	0.00
86) Perylene-d12	24.799	264	935763	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	503154	118.082	ng		0.00
7) Phenol-d6	7.120	99	635266	105.986	ng		0.01
23) Nitrobenzene-d5	9.118	82	506458	81.033	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	674094	122.460	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	1520445	78.783	ng		0.00
79) Terphenyl-d14	19.964	244	3715245	83.268	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	56372	27.958	ng	#	32
3) Pyridine	3.842	79	121455	21.509	ng		99
4) n-Nitrosodimethylamine	3.753	42	87566	31.527	ng		83
6) Aniline	7.279	93	195918	32.091	ng		96
8) 2-Chlorophenol	7.520	128	167196	41.407	ng		94
9) Benzaldehyde	7.097	77	69686m	19.121	ng		
10) Phenol	7.144	94	227585	37.797	ng		95
11) bis(2-Chloroethyl)ether	7.379	93	164574	38.179	ng		92
12) 1,3-Dichlorobenzene	7.849	146	188412	34.893	ng		92
13) 1,4-Dichlorobenzene	7.990	146	193419m	34.424	ng		
14) 1,2-Dichlorobenzene	8.313	146	196803	36.406	ng		96
15) Benzyl Alcohol	8.195	79	205508	42.660	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.489	45	342808	44.442	ng		98
17) 2-Methylphenol	8.395	107	170509	42.475	ng		90
18) Hexachloroethane	9.041	117	65181	38.295	ng		94
19) n-Nitroso-di-n-propyla...	8.759	70	162666	42.064	ng	#	88
20) 3+4-Methylphenols	8.724	107	234249	41.776	ng		96
22) Acetophenone	8.777	105	328681	39.742	ng		97
24) Nitrobenzene	9.159	77	251836	39.689	ng		94
25) Isophorone	9.682	82	478641	40.013	ng		97
26) 2-Nitrophenol	9.876	139	103232	44.237	ng	#	86
27) 2,4-Dimethylphenol	9.929	122	165735	51.813	ng		94
28) bis(2-Chloroethoxy)met...	10.169	93	235876	38.192	ng		98
29) 2,4-Dichlorophenol	10.405	162	241921	42.109	ng		96
30) 1,2,4-Trichlorobenzene	10.622	180	281068	36.143	ng		98
31) Naphthalene	10.810	128	581523	39.361	ng		97
32) Benzoic acid	9.999	122	45831m	15.751	ng		
33) 4-Chloroaniline	10.916	127	101664	18.085	ng		96
34) Hexachlorobutadiene	11.098	225	241234	33.893	ng		96
35) Caprolactam	11.685	113	56947	39.020	ng		95
36) 4-Chloro-3-methylphenol	12.038	107	232018	44.406	ng		97
37) 2-Methylnaphthalene	12.420	142	454138	39.192	ng		97
38) 1-Methylnaphthalene	12.637	142	440740	38.505	ng		100
40) 1,2,4,5-Tetrachloroben...	12.784	216	465059	37.767	ng		98
41) Hexachlorocyclopentadiene	12.766	237	567875	111.616	ng		93
43) 2,4,6-Trichlorophenol	13.025	196	284162	41.157	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	308928	41.136	ng		95
46) 1,1'-Biphenyl	13.430	154	728688	41.599	ng		99
47) 2-Chloronaphthalene	13.472	162	588089	38.766	ng		96
48) 2-Nitroaniline	13.671	65	168839	51.557	ng		88
49) Acenaphthylene	14.318	152	927133	44.678	ng		98
50) Dimethylphthalate	14.053	163	773085	42.166	ng		97
51) 2,6-Dinitrotoluene	14.165	165	164439	43.297	ng		97
52) Acenaphthene	14.658	154	563807m	39.470	ng		
53) 3-Nitroaniline	14.494	138	98426	32.432	ng		96
54) 2,4-Dinitrophenol	14.694	184	85584	30.585	ng		94
55) Dibenzofuran	14.993	168	953484	41.010	ng		98
56) 4-Nitrophenol	14.799	139	206557	80.982	ng		95
57) 2,4-Dinitrotoluene	14.952	165	232652	43.577	ng	#	97
58) Fluorene	15.640	166	794967	40.548	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.217	232	338449	43.294	ng		99
60) Diethylphthalate	15.416	149	718369	42.584	ng		97
61) 4-Chlorophenyl-phenyle...	15.634	204	554171	39.248	ng		96
62) 4-Nitroaniline	15.663	138	143664	43.472	ng		96
63) Azobenzene	15.927	77	682242	41.019	ng		97
65) 4,6-Dinitro-2-methylph...	15.716	198	96762	22.461	ng		94
66) n-Nitrosodiphenylamine	15.851	169	743444	44.290	ng		98
67) 4-Bromophenyl-phenylether	16.533	248	384963	39.709	ng		96
68) Hexachlorobenzene	16.644	284	439668	38.795	ng	#	94
70) Pentachlorophenol	16.985	266	443445	60.399	ng		97
71) Phenanthrene	17.385	178	1459467	43.852	ng		98
72) Anthracene	17.473	178	1494379	44.658	ng		99
73) Carbazole	17.743	167	1249597	43.945	ng		97
74) Di-n-butylphthalate	18.307	149	1217118	46.920	ng		97
75) Fluoranthene	19.400	202	2034290	41.887	ng		97
77) Benzidine	19.576	184	426733	40.784	ng		97
78) Pyrene	19.764	202	2086634	42.257	ng		99
80) Butylbenzylphthalate	20.657	149	467425	52.706	ng		93
81) Benzo(a)anthracene	21.591	228	2340017	42.765	ng		100
82) 3,3'-Dichlorobenzidine	21.509	252	655811	36.423	ng		100
83) Chrysene	21.662	228	2185225	42.153	ng		99
84) Bis(2-ethylhexyl)phtha...	21.509	149	706083	52.528	ng		99
85) Di-n-octyl phthalate	22.714	149	1239486	53.307	ng		97
87) Indeno(1,2,3-cd)pyrene	28.436	276	2886844	43.227	ng		99
88) Benzo(b)fluoranthene	23.789	252	2444579	42.299	ng		99
89) Benzo(k)fluoranthene	23.859	252	2304884	41.117	ng		100
90) Benzo(a)pyrene	24.653	252	2122978	41.462	ng		99
91) Dibenzo(a,h)anthracene	28.507	278	2454891	43.959	ng		99
92) Benzo(g,h,i)perylene	29.576	276	2273422	40.927	ng		98

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

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