Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059853.D
Acq On : 23 Nov 2023 15:21
Operator : MA/JU
Sample : 05485-01MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 24 00:20:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	41370	20.000	ng	0.00
21) Naphthalene-d8	11.181	136	184612	20.000	ng	-0.01
39) Acenaphthene-d10	14.965	164	123806	20.000	ng	# 0.00
64) Phenanthrene-d10	17.715	188	240598	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	180882	20.000	ng	0.00
86) Perylene-d12	25.641	264	211949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	174995	71.197	ng	0.00
7) Phenol-d6	7.462	99	252771	69.397	ng	0.00
23) Nitrobenzene-d5	9.536	82	307993	63.717	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	150637	107.235	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	660710	71.834	ng	0.00
79) Terphenyl-d14	20.288	244	848818	69.275	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.661	88	17740	15.367	ng	# 83
3) Pyridine	4.078	79	52348	16.602	ng	# 90
4) n-Nitrosodimethylamine	4.008	42	41501	24.741	ng	# 58
6) Aniline	7.662	93	34289	7.133	ng	98
8) 2-Chlorophenol	7.885	128	123621	46.361	ng	91
9) Benzaldehyde	7.480	77	19412	7.884	ng	88
10) Phenol	7.486	94	134719	35.887	ng	98
11) bis(2-Chloroethyl)ether	7.750	93	92234	39.469	ng	94
12) 1,3-Dichlorobenzene	8.214	146	134800	45.512	ng	95
13) 1,4-Dichlorobenzene	8.373	146	131658	44.265	ng	96
14) 1,2-Dichlorobenzene	8.690	146	139311	47.144	ng	94
15) Benzyl Alcohol	8.579	79	166804	40.159	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.849	45	36115	42.005	ng	# 72
17) 2-Methylphenol	8.767	107	121623	43.986	ng	# 86
18) Hexachloroethane	9.419	117	61970	49.089	ng	98
19) n-Nitroso-di-n-propyla...	9.143	70	116575	40.642	ng	# 96
20) 3+4-Methylphenols	9.096	107	167504	43.637	ng	94
22) Acetophenone	9.178	105	242754	46.446	ng	96
24) Nitrobenzene	9.583	77	197243	44.306	ng	97
25) Isophorone	10.083	82	326829	40.274	ng	96
26) 2-Nitrophenol	10.294	139	73554	45.066	ng	89
27) 2,4-Dimethylphenol	10.312	122	125751	37.894	ng	85
28) bis(2-Chloroethoxy)met...	10.570	93	133804	43.877	ng	99
29) 2,4-Dichlorophenol	10.817	162	142318	50.231	ng	91
30) 1,2,4-Trichlorobenzene	11.029	180	151136	52.782	ng	# 93
31) Naphthalene	11.234	128	449021	48.370	ng	# 96
32) Benzoic acid	10.441	122	101636m	45.003	ng	
33) 4-Chloroaniline	11.346	127	32374	8.199	ng	# 94
34) Hexachlorobutadiene	11.458	225	103785	53.256	ng	100
35) Caprolactam	12.151	113	43514m	42.023	ng	
36) 4-Chloro-3-methylphenol	12.427	107	199570	52.964	ng	# 93
37) 2-Methylnaphthalene	12.815	142	358880	45.901	ng	90
38) 1-Methylnaphthalene	13.032	142	342654m	47.524	ng	
40) 1,2,4,5-Tetrachloroben...	13.156	216	185688	55.536	ng	97
41) Hexachlorocyclopentadiene	13.109	237	76281	36.370	ng	96
43) 2,4,6-Trichlorophenol	13.397	196	132444	56.963	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	132258	48.411	ng		95
46) 1,1'-Biphenyl	13.802	154	506674	52.139	ng		98
47) 2-Chloronaphthalene	13.861	162	362410	54.275	ng		96
48) 2-Nitroaniline	14.072	65	123054	51.617	ng		94
49) Acenaphthylene	14.701	152	588953	51.729	ng		96
50) Dimethylphthalate	14.407	163	450367	46.941	ng		99
51) 2,6-Dinitrotoluene	14.554	165	85021	46.712	ng		91
52) Acenaphthene	15.030	154	335259	48.963	ng		95
53) 3-Nitroaniline	14.895	138	49537	23.252	ng	#	88
54) 2,4-Dinitrophenol	15.089	184	40025	29.593	ng	#	63
55) Dibenzofuran	15.365	168	554207	49.091	ng		94
56) 4-Nitrophenol	15.171	139	145005	88.963	ng	#	90
57) 2,4-Dinitrotoluene	15.330	165	128197	45.800	ng	#	92
58) Fluorene	16.011	166	448037	47.769	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.570	232	119538	49.776	ng		98
60) Diethylphthalate	15.747	149	475114	46.173	ng		99
61) 4-Chlorophenyl-phenyle...	15.993	204	233028	48.270	ng		88
62) 4-Nitroaniline	16.052	138	77056	36.089	ng	#	88
63) Azobenzene	16.287	77	501178	43.829	ng		93
65) 4,6-Dinitro-2-methylph...	16.076	198	35322	24.023	ng		91
66) n-Nitrosodiphenylamine	16.211	169	383752	54.601	ng		95
67) 4-Bromophenyl-phenylether	16.887	248	144244	55.806	ng		99
68) Hexachlorobenzene	16.986	284	150393	62.341	ng		92
69) Atrazine	17.145	200	164551	73.024	ng		95
70) Pentachlorophenol	17.339	266	183911	99.925	ng		94
71) Phenanthrene	17.762	178	646354	52.839	ng		97
72) Anthracene	17.850	178	652838	51.365	ng		100
73) Carbazole	18.132	167	553826	49.878	ng		97
74) Di-n-butylphthalate	18.626	149	657787	49.010	ng		99
75) Fluoranthene	19.754	202	704414	48.018	ng		99
77) Benzidine	19.942	184	123110	30.015	ng		96
78) Pyrene	20.118	202	712684	57.908	ng		98
80) Butylbenzylphthalate	20.970	149	245270	48.602	ng		92
81) Benzo(a)anthracene	22.028	228	665535	53.775	ng		95
82) 3,3'-Dichlorobenzidine	21.934	252	112344	24.365	ng		93
83) Chrysene	22.104	228	593589	52.320	ng		97
84) Bis(2-ethylhexyl)phtha...	21.845	149	351426	49.815	ng	#	96
85) Di-n-octyl phthalate	23.185	149	613754	45.193	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.824	276	731883m	45.636	ng		
88) Benzo(b)fluoranthene	24.478	252	673764	57.999	ng		91
89) Benzo(k)fluoranthene	24.554	252	631230	54.963	ng	#	96
90) Benzo(a)pyrene	25.471	252	588730	47.486	ng		98
91) Dibenzo(a,h)anthracene	29.901	278	590981	43.556	ng		99
92) Benzo(g,h,i)perylene	31.158	276	515350m	40.029	ng		

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

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