Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
Data File : BF134493.D
Acq On : 26 Jul 2023 21:18
Operator : CG\JU
Sample : 03580-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 27 01:55:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	137239	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	535442	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	274952	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	521671	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	314410	20.000	ng	-0.02
86) Perylene-d12	15.510	264	352030	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	469965	56.578	ng	0.00
7) Phenol-d6	6.475	99	532034	52.278	ng	0.00
23) Nitrobenzene-d5	7.393	82	421010	39.782	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	228036	58.372	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	835913	39.912	ng	-0.01
79) Terphenyl-d14	12.951	244	841100	46.699	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	109514	31.083	ng	# 79
3) Pyridine	3.505	79	201972	25.538	ng	94
4) n-Nitrosodimethylamine	3.428	42	173697	37.164	ng	# 82
6) Aniline	6.498	93	68462	5.708	ng	# 57
8) 2-Chlorophenol	6.616	128	173196	20.582	ng	99
9) Benzaldehyde	6.387	77	22543	4.136	ng	96
10) Phenol	6.487	94	183951	17.372	ng	95
11) bis(2-Chloroethyl)ether	6.563	93	156856	21.220	ng	95
12) 1,3-Dichlorobenzene	6.763	146	184920	20.435	ng	99
13) 1,4-Dichlorobenzene	6.845	146	182416	19.589	ng	98
14) 1,2-Dichlorobenzene	6.993	146	177342	20.273	ng	98
15) Benzyl Alcohol	6.975	79	166880	21.238	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	241859	22.218	ng	86
17) 2-Methylphenol	7.087	107	140759	18.756	ng	97
18) Hexachloroethane	7.328	117	70421	19.684	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	136259	21.507	ng	98
20) 3+4-Methylphenols	7.240	107	182783	19.022	ng	97
22) Acetophenone	7.234	105	269457	20.235	ng	# 91
24) Nitrobenzene	7.410	77	201006	19.098	ng	99
25) Isophorone	7.645	82	355337	20.146	ng	99
26) 2-Nitrophenol	7.722	139	95243	19.675	ng	97
27) 2,4-Dimethylphenol	7.763	122	140875	18.441	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	206949	21.080	ng	99
29) 2,4-Dichlorophenol	7.969	162	152629	19.986	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	164959	20.025	ng	99
31) Naphthalene	8.128	128	534174	20.046	ng	98
32) Benzoic acid	7.904	122	105101	20.597	ng	# 80
33) 4-Chloroaniline	8.181	127	45899	4.167	ng	96
34) Hexachlorobutadiene	8.234	225	108006	19.572	ng	98
35) Caprolactam	8.557	113	43927m	18.812	ng	
36) 4-Chloro-3-methylphenol	8.675	107	178037	20.205	ng	99
37) 2-Methylnaphthalene	8.816	142	355525	19.201	ng	99
38) 1-Methylnaphthalene	8.916	142	332961	19.384	ng	97
40) 1,2,4,5-Tetrachloroben...	8.981	216	173418	19.903	ng	99
41) Hexachlorocyclopentadiene	8.963	237	115662	48.417	ng	91
43) 2,4,6-Trichlorophenol	9.104	196	113660	20.334	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	124452	19.110	ng		97
46) 1,1'-Biphenyl	9.281	154	459197	20.263	ng		99
47) 2-Chloronaphthalene	9.310	162	336404	20.136	ng		100
48) 2-Nitroaniline	9.416	65	116576	19.375	ng		94
49) Acenaphthylene	9.722	152	542188	19.210	ng		99
50) Dimethylphthalate	9.586	163	417706	20.494	ng		99
51) 2,6-Dinitrotoluene	9.657	165	89258	19.958	ng		88
52) Acenaphthene	9.898	154	334353	20.054	ng		99
53) 3-Nitroaniline	9.828	138	56215	10.963	ng		97
54) 2,4-Dinitrophenol	9.945	184	84964	39.807	ng		97
55) Dibenzofuran	10.069	168	501706	19.551	ng		99
56) 4-Nitrophenol	10.010	139	107939	39.474	ng		87
57) 2,4-Dinitrotoluene	10.063	165	118829	19.782	ng		89
58) Fluorene	10.416	166	410211	19.815	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	99333m	19.852	ng		
60) Diethylphthalate	10.286	149	456792	21.647	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	202085	20.435	ng		99
62) 4-Nitroaniline	10.451	138	77589	14.749	ng		95
63) Azobenzene	10.563	77	389600	20.058	ng		93
65) 4,6-Dinitro-2-methylph...	10.481	198	57813	19.320	ng		92
66) n-Nitrosodiphenylamine	10.528	169	345325	20.806	ng		98
67) 4-Bromophenyl-phenylether	10.892	248	124341	21.754	ng	#	89
68) Hexachlorobenzene	10.963	284	144246	22.411	ng		98
69) Atrazine	11.057	200	104913	22.672	ng		97
70) Pentachlorophenol	11.169	266	120424	44.583	ng		97
71) Phenanthrene	11.380	178	544409	19.974	ng		100
72) Anthracene	11.433	178	542586	19.287	ng		99
73) Carbazole	11.592	167	493926	18.645	ng		99
74) Di-n-butylphthalate	11.916	149	699826	23.013	ng		99
75) Fluoranthene	12.575	202	517928	16.305	ng		99
77) Benzidine	12.704	184	68352	10.182	ng		100
78) Pyrene	12.804	202	508128	20.326	ng		99
80) Butylbenzylphthalate	13.422	149	226861	22.654	ng		99
81) Benzo(a)anthracene	14.004	228	433777	19.775	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	107306	15.445	ng	#	98
83) Chrysene	14.039	228	408863	19.487	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	322068	26.473	ng		98
85) Di-n-octyl phthalate	14.598	149	525087	31.058	ng		99
87) Indeno(1,2,3-cd)pyrene	17.045	276	397324	17.276	ng		99
88) Benzo(b)fluoranthene	15.068	252	476172	21.621	ng		99
89) Benzo(k)fluoranthene	15.098	252	417920	19.296	ng		99
90) Benzo(a)pyrene	15.445	252	373680	18.357	ng		98
91) Dibenzo(a,h)anthracene	17.057	278	346897	18.677	ng		97
92) Benzo(g,h,i)perylene	17.509	276	302215	15.847	ng		98

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

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