Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137350.D
Acq On : 08 Feb 2024 21:16
Operator : CG\JU
Sample : P1367-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-6-0-2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 09 01:40:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	107799	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	412648	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	220185	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	385076	20.000	ng	0.00
76) Chrysene-d12	13.968	240	225440	20.000	ng	0.00
86) Perylene-d12	15.451	264	265995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	912115	139.618	ng	0.03
7) Phenol-d6	6.434	99	1136061	121.853	ng	0.00
23) Nitrobenzene-d5	7.351	82	849145	92.131	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	324639	130.552	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1432492	89.434	ng	0.00
79) Terphenyl-d14	12.916	244	1367402	82.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	133962	38.323	ng	# 82
3) Pyridine	3.481	79	262098	37.728	ng	97
4) n-Nitrosodimethylamine	3.416	42	169492	47.632	ng	85
6) Aniline	6.457	93	242139	24.262	ng	# 92
8) 2-Chlorophenol	6.575	128	348154	47.662	ng	96
9) Benzaldehyde	6.345	77	38827	10.936	ng	91
10) Phenol	6.445	94	415107	39.888	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	376972	54.204	ng	98
12) 1,3-Dichlorobenzene	6.728	146	365572	42.685	ng	97
13) 1,4-Dichlorobenzene	6.804	146	376540	42.512	ng	96
14) 1,2-Dichlorobenzene	6.957	146	354859	42.850	ng	98
15) Benzyl Alcohol	6.934	79	326260	49.257	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	556813	44.445	ng	99
17) 2-Methylphenol	7.045	107	293769	48.139	ng	97
18) Hexachloroethane	7.292	117	130679	40.907	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	274816	42.991	ng	98
20) 3+4-Methylphenols	7.198	107	346834	44.895	ng	93
22) Acetophenone	7.198	105	492867	44.366	ng	98
24) Nitrobenzene	7.369	77	412874	46.153	ng	96
25) Isophorone	7.610	82	764321	44.928	ng	99
26) 2-Nitrophenol	7.681	139	176791	50.891	ng	94
27) 2,4-Dimethylphenol	7.722	122	248945	51.196	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	442386	48.968	ng	99
29) 2,4-Dichlorophenol	7.928	162	297044	49.242	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	322747	43.073	ng	97
31) Naphthalene	8.086	128	1001358	44.887	ng	99
32) Benzoic acid	7.857	122	177073	50.989	ng	90
33) 4-Chloroaniline	8.145	127	44706	5.826	ng	98
34) Hexachlorobutadiene	8.204	225	208571	41.863	ng	96
35) Caprolactam	8.516	113	73985m	39.444	ng	
36) 4-Chloro-3-methylphenol	8.628	107	318941	44.765	ng	93
37) 2-Methylnaphthalene	8.781	142	659835	44.119	ng	98
38) 1-Methylnaphthalene	8.881	142	624895	44.985	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	345918	46.951	ng	98
41) Hexachlorocyclopentadiene	8.933	237	334710	95.384	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	218877	52.377	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	229965	50.345	ng		97
46) 1,1'-Biphenyl	9.245	154	832340	47.512	ng		99
47) 2-Chloronaphthalene	9.269	162	600998	46.356	ng		99
48) 2-Nitroaniline	9.369	65	211472	50.396	ng		98
49) Acenaphthylene	9.686	152	961946	46.347	ng		100
50) Dimethylphthalate	9.551	163	715824	48.122	ng		100
51) 2,6-Dinitrotoluene	9.616	165	166170	52.387	ng	#	78
52) Acenaphthene	9.857	154	570638	46.780	ng		99
53) 3-Nitroaniline	9.780	138	84722	29.680	ng		97
54) 2,4-Dinitrophenol	9.886	184	147162	100.720	ng		85
55) Dibenzofuran	10.033	168	881458	45.419	ng		94
56) 4-Nitrophenol	9.951	139	189418	90.437	ng		91
57) 2,4-Dinitrotoluene	10.016	165	207184	50.339	ng		92
58) Fluorene	10.375	166	660686	43.425	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	200177m	47.099	ng		
60) Diethylphthalate	10.257	149	668414	45.636	ng		97
61) 4-Chlorophenyl-phenyle...	10.369	204	325194	43.001	ng		97
62) 4-Nitroaniline	10.404	138	124975m	45.740	ng		
63) Azobenzene	10.527	77	720643	44.426	ng		96
65) 4,6-Dinitro-2-methylph...	10.422	198	110471	53.458	ng		89
66) n-Nitrosodiphenylamine	10.492	169	584531	49.923	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	215634	50.927	ng		96
68) Hexachlorobenzene	10.922	284	228748	48.366	ng	#	90
69) Atrazine	11.022	200	181934	47.070	ng		99
70) Pentachlorophenol	11.122	266	264270	97.475	ng		99
71) Phenanthrene	11.339	178	948678	47.059	ng		100
72) Anthracene	11.392	178	968351	46.086	ng		98
73) Carbazole	11.551	167	807172	45.966	ng		99
74) Di-n-butylphthalate	11.886	149	937217	49.374	ng		99
75) Fluoranthene	12.533	202	932479	44.204	ng		99
77) Benzidine	12.663	184	86738	21.487	ng	#	97
78) Pyrene	12.763	202	933740	43.099	ng		99
80) Butylbenzylphthalate	13.398	149	327956	59.175	ng		98
81) Benzo(a)anthracene	13.957	228	744406	46.625	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	170521	39.201	ng		98
83) Chrysene	13.998	228	767270	48.882	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	413921	64.196	ng		98
85) Di-n-octyl phthalate	14.580	149	716817	69.918	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	853198	45.656	ng		96
88) Benzo(b)fluoranthene	15.015	252	796423m	48.686	ng		
89) Benzo(k)fluoranthene	15.051	252	750975	43.395	ng		98
90) Benzo(a)pyrene	15.392	252	714196	46.393	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	700447	46.778	ng		98
92) Benzo(g,h,i)perylene	17.409	276	660238	44.925	ng		97

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

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