Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
Data File : BF126173.D
Acq On : 13 Nov 2021 17:45
Operator : JU/CG
Sample : M4593-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-108MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 09:59:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 08:09:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	150139	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	558000	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	271570	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	443257	20.000	ng	#	0.00
76) Chrysene-d12	13.998	240	368447	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	450258	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	717661	82.086	ng		0.02
7) Phenol-d6	6.469	99	960735	77.953	ng		0.00
23) Nitrobenzene-d5	7.398	82	825847	69.798	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	344772	110.781	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1630944	81.158	ng		0.00
79) Terphenyl-d14	12.945	244	1304949	57.112	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	81592	22.444	ng	#	100
3) Pyridine	3.451	79	164376	16.803	ng		95
4) n-Nitrosodimethylamine	3.387	42	179303	26.138	ng	#	89
6) Aniline	6.492	93	181483	13.354	ng	#	69
8) 2-Chlorophenol	6.622	128	286160	30.631	ng		89
9) Benzaldehyde	6.381	77	124133	13.730	ng		89
10) Phenol	6.481	94	352412	27.965	ng		74
11) bis(2-Chloroethyl)ether	6.569	93	283914	30.931	ng		89
12) 1,3-Dichlorobenzene	6.775	146	371830	34.947	ng	#	93
13) 1,4-Dichlorobenzene	6.851	146	334986	30.875	ng		96
14) 1,2-Dichlorobenzene	7.004	146	370132	35.410	ng		97
15) Benzyl Alcohol	6.975	79	355251	33.752	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.110	45	512478	30.364	ng		90
17) 2-Methylphenol	7.092	107	266601	33.532	ng	#	89
18) Hexachloroethane	7.345	117	139920	34.327	ng	#	85
19) n-Nitroso-di-n-propyla...	7.251	70	260530	32.066	ng	#	81
20) 3+4-Methylphenols	7.245	107	332106	30.897	ng	#	58
22) Acetophenone	7.245	105	500853	31.078	ng	#	85
24) Nitrobenzene	7.416	77	399564	34.096	ng	#	83
25) Isophorone	7.657	82	630151	29.581	ng	#	87
26) 2-Nitrophenol	7.734	139	164791	40.544	ng	#	64
27) 2,4-Dimethylphenol	7.775	122	263806	33.966	ng	#	81
28) bis(2-Chloroethoxy)met...	7.869	93	376289	29.955	ng	#	97
29) 2,4-Dichlorophenol	7.975	162	274774	31.342	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	351134	32.848	ng		98
31) Naphthalene	8.139	128	956432	33.092	ng		99
32) Benzoic acid	7.892	122	151277	34.561	ng	#	65
33) 4-Chloroaniline	8.181	127	96829	8.383	ng	#	88
34) Hexachlorobutadiene	8.257	225	255361	34.703	ng		99
35) Caprolactam	8.557	113	56231m	23.033	ng		
36) 4-Chloro-3-methylphenol	8.669	107	285939	28.284	ng	#	84
37) 2-Methylnaphthalene	8.833	142	606515	30.384	ng		99
38) 1-Methylnaphthalene	8.928	142	594489	30.746	ng		96
40) 1,2,4,5-Tetrachloroben...	8.998	216	382670	42.047	ng		99
41) Hexachlorocyclopentadiene	8.986	237	426390	90.170	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	237673	43.125	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	237377	39.869	ng		95
46) 1,1'-Biphenyl	9.298	154	828378	39.464	ng		99
47) 2-Chloronaphthalene	9.322	162	632621	38.290	ng		98
48) 2-Nitroaniline	9.416	65	208745	39.185	ng	#	79
49) Acenaphthylene	9.733	152	828468	33.157	ng		98
50) Dimethylphthalate	9.598	163	761984	38.540	ng		98
51) 2,6-Dinitrotoluene	9.657	165	152385	44.965	ng	#	77
52) Acenaphthene	9.910	154	532971	33.819	ng		96
53) 3-Nitroaniline	9.822	138	60444	17.398	ng	#	73
54) 2,4-Dinitrophenol	9.933	184	131098	75.405	ng		92
55) Dibenzofuran	10.080	168	915949	38.608	ng		99
56) 4-Nitrophenol	9.986	139	165040	60.192	ng	#	49
57) 2,4-Dinitrotoluene	10.063	165	204428	42.279	ng	#	98
58) Fluorene	10.422	166	674836	35.432	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	164360	32.600	ng	#	87
60) Diethylphthalate	10.298	149	680741	34.333	ng		97
61) 4-Chlorophenyl-phenyle...	10.416	204	367445	36.074	ng	#	86
62) 4-Nitroaniline	10.439	138	114396	31.571	ng		87
63) Azobenzene	10.575	77	703833	32.692	ng		92
65) 4,6-Dinitro-2-methylph...	10.469	198	87255	42.117	ng		85
66) n-Nitrosodiphenylamine	10.533	169	469387	33.253	ng		96
67) 4-Bromophenyl-phenylether	10.904	248	196669	36.631	ng		96
68) Hexachlorobenzene	10.969	284	238809	42.580	ng	#	90
69) Atrazine	11.057	200	192752	38.605	ng		93
70) Pentachlorophenol	11.163	266	196311	64.957	ng		94
71) Phenanthrene	11.380	178	823101	34.242	ng		97
72) Anthracene	11.433	178	849703	35.406	ng		99
73) Carbazole	11.586	167	694793	31.215	ng		99
74) Di-n-butylphthalate	11.922	149	834037	32.158	ng		98
75) Fluoranthene	12.569	202	877127	32.768	ng		96
77) Benzidine	12.686	184	172527	14.007	ng		96
78) Pyrene	12.798	202	780088	26.401	ng		96
80) Butylbenzylphthalate	13.421	149	328033	30.479	ng	#	92
81) Benzo(a)anthracene	13.986	228	797964	31.526	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	126054	17.066	ng	#	97
83) Chrysene	14.027	228	798206	33.891	ng		97
84) Bis(2-ethylhexyl)phtha...	13.986	149	439910	29.491	ng	#	99
85) Di-n-octyl phthalate	14.598	149	758934	35.810	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1140579	42.797	ng	#	84
88) Benzo(b)fluoranthene	15.039	252	779532	26.617	ng	#	93
89) Benzo(k)fluoranthene	15.068	252	840520	29.585	ng	#	97
90) Benzo(a)pyrene	15.404	252	897603	38.902	ng	#	93
91) Dibenzo(a,h)anthracene	16.939	278	967346	44.193	ng	#	90
92) Benzo(g,h,i)perylene	17.362	276	899256	42.836	ng	#	81

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

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