Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
Data File : BF126748.D
Acq On : 31 Jan 2022 13:58
Operator : CG/JU
Sample : N1287-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTER-2MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

Quant Time: Feb 01 02:40:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	148310	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	604336	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	324147	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	559095	20.000	ng		0.00
76) Chrysene-d12	14.145	240	361831	20.000	ng	#	0.00
86) Perylene-d12	15.668	264	275674	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	939428	83.352	ng		0.02
7) Phenol-d6	6.581	99	1215725	77.637	ng		0.00
23) Nitrobenzene-d5	7.522	82	1006896	65.214	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	290571	95.787	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1301167	61.476	ng		0.00
79) Terphenyl-d14	13.086	244	1497250	69.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.851	88	165728	29.835	ng		88
3) Pyridine	3.610	79	294261	18.911	ng	#	83
4) n-Nitrosodimethylamine	3.575	42	151827	27.576	ng	#	66
6) Aniline	6.622	93	361883m	18.442	ng		
8) 2-Chlorophenol	6.745	128	339346	32.826	ng		100
9) Benzaldehyde	6.510	77	185143	15.689	ng		87
10) Phenol	6.592	94	471781	28.327	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	452135	33.454	ng		94
12) 1,3-Dichlorobenzene	6.898	146	369443	32.192	ng	#	95
13) 1,4-Dichlorobenzene	6.975	146	373595	32.237	ng		95
14) 1,2-Dichlorobenzene	7.128	146	362789	33.206	ng		98
15) Benzyl Alcohol	7.098	79	354630	25.402	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.228	45	507390	32.906	ng		84
17) 2-Methylphenol	7.204	107	332245	32.690	ng		95
18) Hexachloroethane	7.469	117	101474	21.686	ng		95
19) n-Nitroso-di-n-propyla...	7.363	70	340814	29.821	ng	#	84
20) 3+4-Methylphenols	7.351	107	384242	29.158	ng	#	77
22) Acetophenone	7.363	105	552390	29.660	ng	#	90
24) Nitrobenzene	7.539	77	515220	32.324	ng	#	86
25) Isophorone	7.775	82	924371	30.871	ng		95
26) 2-Nitrophenol	7.857	139	157149	37.795	ng	#	83
27) 2,4-Dimethylphenol	7.886	122	322540	32.688	ng		89
28) bis(2-Chloroethoxy)met...	7.986	93	569299	30.484	ng	#	96
29) 2,4-Dichlorophenol	8.092	162	282112	30.141	ng		96
30) 1,2,4-Trichlorobenzene	8.181	180	302780	30.165	ng		98
31) Naphthalene	8.263	128	1023490	31.350	ng		99
32) Benzoic acid	7.939	122	26681m	4.767	ng		
33) 4-Chloroaniline	8.310	127	178557	13.689	ng		95
34) Hexachlorobutadiene	8.375	225	181936	28.495	ng		97
35) Caprolactam	8.669	113	84504	25.282	ng	#	80
36) 4-Chloro-3-methylphenol	8.786	107	340579	27.825	ng		92
37) 2-Methylnaphthalene	8.957	142	644188	31.728	ng		97
38) 1-Methylnaphthalene	9.057	142	606132	30.800	ng		97
40) 1,2,4,5-Tetrachloroben...	9.122	216	304715	33.516	ng		96
41) Hexachlorocyclopentadiene	9.104	237	256231	46.289	ng		95
43) 2,4,6-Trichlorophenol	9.227	196	194318	29.981	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	203886	30.374	ng		93
46) 1,1'-Biphenyl	9.422	154	793784	32.505	ng		97
47) 2-Chloronaphthalene	9.445	162	622677	32.455	ng		99
48) 2-Nitroaniline	9.539	65	265347	40.056	ng		91
49) Acenaphthylene	9.863	152	999052	33.195	ng		99
50) Dimethylphthalate	9.716	163	610694	26.563	ng	#	99
51) 2,6-Dinitrotoluene	9.780	165	121968	30.702	ng		90
52) Acenaphthene	10.039	154	594397	32.305	ng		97
53) 3-Nitroaniline	9.951	138	123710	27.236	ng	#	84
54) 2,4-Dinitrophenol	10.057	184	52438	36.787	ng	#	86
55) Dibenzofuran	10.210	168	873751	31.600	ng		98
56) 4-Nitrophenol	10.104	139	187005	51.704	ng	#	82
57) 2,4-Dinitrotoluene	10.186	165	144153	29.944	ng	#	91
58) Fluorene	10.551	166	631547	30.252	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	168787	30.756	ng	#	83
60) Diethylphthalate	10.416	149	645782	28.257	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	328510	31.508	ng	#	84
62) 4-Nitroaniline	10.569	138	160021	36.301	ng		83
63) Azobenzene	10.704	77	994853	29.415	ng		92
65) 4,6-Dinitro-2-methylph...	10.592	198	48198	22.645	ng		95
66) n-Nitrosodiphenylamine	10.663	169	587561	31.133	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	205852	31.947	ng		97
68) Hexachlorobenzene	11.098	284	222583	32.376	ng		94
69) Atrazine	11.186	200	182885	30.342	ng		92
70) Pentachlorophenol	11.292	266	182090	45.549	ng		97
71) Phenanthrene	11.521	178	1022244	32.003	ng		99
72) Anthracene	11.574	178	1044310	32.586	ng		99
73) Carbazole	11.727	167	895445	29.760	ng		99
74) Di-n-butylphthalate	12.051	149	1038188	28.614	ng		99
75) Fluoranthene	12.716	202	1026408	32.533	ng		97
77) Benzidine	12.833	184	126414	10.127	ng		98
78) Pyrene	12.945	202	1024036	34.997	ng		99
80) Butylbenzylphthalate	13.557	149	368413	28.981	ng	#	92
81) Benzo(a)anthracene	14.133	228	808985	32.894	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	152566	18.884	ng		98
83) Chrysene	14.174	228	767000	32.412	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	554725	32.221	ng		99
85) Di-n-octyl phthalate	14.733	149	763411	28.962	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.233	276	643274	37.767	ng	#	91
88) Benzo(b)fluoranthene	15.215	252	597160	32.665	ng	#	95
89) Benzo(k)fluoranthene	15.245	252	591702	32.965	ng	#	96
90) Benzo(a)pyrene	15.604	252	563710	37.898	ng	#	96
91) Dibenzo(a,h)anthracene	17.256	278	551014	39.050	ng	#	94
92) Benzo(g,h,i)perylene	17.715	276	565360	40.861	ng	#	90

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

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