Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
Data File : BF126638.D
Acq On : 24 Jan 2022 14:57
Operator : CG/JU
Sample : N1218-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

Quant Time: Jan 25 03:12:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	109388	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	413513	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	227296	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	370226	20.000	ng		0.00
76) Chrysene-d12	14.151	240	238936	20.000	ng	#	0.00
86) Perylene-d12	15.668	264	220504	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	906346	109.030	ng		0.02
7) Phenol-d6	6.581	99	1157625	100.230	ng		0.00
23) Nitrobenzene-d5	7.528	82	997197	94.390	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	279585	131.437	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1259659	84.875	ng		0.00
79) Terphenyl-d14	13.092	244	1324555	92.980	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.004	88	158294	38.637	ng	#	78
3) Pyridine	3.693	79	308610	26.890	ng	#	83
4) n-Nitrosodimethylamine	3.651	42	172543	42.490	ng		87
6) Aniline	6.628	93	97038	6.705	ng		100
8) 2-Chlorophenol	6.745	128	336250	44.101	ng		91
9) Benzaldehyde	6.522	77	279241	38.681	ng		85
10) Phenol	6.598	94	470555	38.306	ng		96
11) bis(2-Chloroethyl)ether	6.698	93	444963	44.637	ng		97
12) 1,3-Dichlorobenzene	6.904	146	348677	41.193	ng	#	91
13) 1,4-Dichlorobenzene	6.981	146	356518	41.710	ng		93
14) 1,2-Dichlorobenzene	7.134	146	344282	42.724	ng		96
15) Benzyl Alcohol	7.098	79	432800	42.032	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.234	45	485154	42.659	ng		82
17) 2-Methylphenol	7.204	107	318249	42.455	ng	#	91
18) Hexachloroethane	7.475	117	145261	42.089	ng		95
19) n-Nitroso-di-n-propyla...	7.375	70	353608	41.949	ng	#	84
20) 3+4-Methylphenols	7.357	107	397697	40.917	ng	#	80
22) Acetophenone	7.375	105	574954	45.118	ng	#	89
24) Nitrobenzene	7.545	77	540687	49.576	ng	#	84
25) Isophorone	7.781	82	913291	44.576	ng	#	93
26) 2-Nitrophenol	7.857	139	156490	55.005	ng	#	61
27) 2,4-Dimethylphenol	7.886	122	326289	48.328	ng	#	81
28) bis(2-Chloroethoxy)met...	7.992	93	554782	43.416	ng	#	97
29) 2,4-Dichlorophenol	8.098	162	281552	43.962	ng		96
30) 1,2,4-Trichlorobenzene	8.186	180	297149	43.266	ng		99
31) Naphthalene	8.269	128	988038	44.230	ng		100
32) Benzoic acid	7.957	122	51439	13.431	ng	#	67
33) 4-Chloroaniline	8.310	127	31329	3.510	ng	#	92
34) Hexachlorobutadiene	8.381	225	188297	43.101	ng		97
35) Caprolactam	8.675	113	76193m	33.315	ng		
36) 4-Chloro-3-methylphenol	8.786	107	365369	43.626	ng		87
37) 2-Methylnaphthalene	8.963	142	643903	46.348	ng		99
38) 1-Methylnaphthalene	9.063	142	591335	43.915	ng		97
40) 1,2,4,5-Tetrachloroben...	9.122	216	297070	46.597	ng		97
41) Hexachlorocyclopentadiene	9.110	237	347132	89.431	ng		94
43) 2,4,6-Trichlorophenol	9.233	196	202286	44.509	ng		95

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44)	2,4,5-Trichlorophenol	9.275	196	203273	43.186	ng	#	94
46)	1,1'-Biphenyl	9.428	154	778412	45.457	ng		98
47)	2-Chloronaphthalene	9.451	162	600442	44.631	ng		97
48)	2-Nitroaniline	9.545	65	264943	57.036	ng	#	87
49)	Acenaphthylene	9.869	152	953323	45.173	ng		98
50)	Dimethylphthalate	9.727	163	717851	44.529	ng	#	99
51)	2,6-Dinitrotoluene	9.786	165	152442	54.723	ng	#	75
52)	Acenaphthene	10.045	154	572706	44.389	ng		96
53)	3-Nitroaniline	9.951	138	25807	8.103	ng	#	71
54)	2,4-Dinitrophenol	10.057	184	39722	38.961	ng	#	87
55)	Dibenzofuran	10.216	168	843955	43.528	ng		95
56)	4-Nitrophenol	10.110	139	216134	85.220	ng	#	59
57)	2,4-Dinitrotoluene	10.192	165	206333	61.124	ng		87
58)	Fluorene	10.557	166	647738	44.248	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.327	232	172495	44.824	ng	#	87
60)	Diethylphthalate	10.427	149	702300	43.825	ng		98
61)	4-Chlorophenyl-phenyle...	10.551	204	316660	43.312	ng		91
62)	4-Nitroaniline	10.575	138	127937	41.389	ng	#	66
63)	Azobenzene	10.710	77	1034919	43.639	ng		90
65)	4,6-Dinitro-2-methylph...	10.598	198	46642	29.692	ng		93
66)	n-Nitrosodiphenylamine	10.669	169	568349	45.478	ng		98
67)	4-Bromophenyl-phenylether	11.039	248	189650	44.447	ng		91
68)	Hexachlorobenzene	11.104	284	209967	46.122	ng		91
69)	Atrazine	11.192	200	189585	47.500	ng		95
70)	Pentachlorophenol	11.298	266	221974	83.851	ng		99
71)	Phenanthrene	11.527	178	966424	45.691	ng		100
72)	Anthracene	11.580	178	994580	46.866	ng		99
73)	Carbazole	11.727	167	849749	42.649	ng		99
74)	Di-n-butylphthalate	12.057	149	1056080	43.955	ng	#	97
75)	Fluoranthene	12.716	202	942745	45.125	ng		98
77)	Benzidine	12.833	184	102299	12.411	ng		98
78)	Pyrene	12.951	202	936218	48.453	ng		100
80)	Butylbenzylphthalate	13.563	149	396044	47.178	ng	#	89
81)	Benzo(a)anthracene	14.139	228	733588	45.170	ng		98
82)	3,3'-Dichlorobenzidine	14.098	252	52723	9.882	ng	#	95
83)	Chrysene	14.174	228	717541	45.917	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.121	149	546603	48.079	ng	#	100
85)	Di-n-octyl phthalate	14.745	149	818213	47.007	ng		95
87)	Indeno(1,2,3-cd)pyrene	17.233	276	737302	54.118	ng	#	88
88)	Benzo(b)fluoranthene	15.215	252	667705	45.662	ng	#	94
89)	Benzo(k)fluoranthene	15.251	252	618267	43.063	ng	#	94
90)	Benzo(a)pyrene	15.609	252	636406	53.491	ng	#	93
91)	Dibenzo(a,h)anthracene	17.256	278	626441	55.503	ng	#	92
92)	Benzo(g,h,i)perylene	17.715	276	616879	55.740	ng	#	88

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

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