Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
Data File : BF127298.D
Acq On : 11 Mar 2022 12:24
Operator : CG\JU
Sample : N1645-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 11 13:01:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 12:42:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

03/14/2022
Supervised By :Jagrut Upadhyay

03/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	91358	20.000	ng		0.00
21) Naphthalene-d8	8.152	136	328738	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	205652	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	353077	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	302699	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	229516	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	704848	124.027	ng		0.00
7) Phenol-d6	6.505	99	1000990	128.039	ng		0.00
23) Nitrobenzene-d5	7.434	82	570402	71.657	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	274074	123.801	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1003270	68.972	ng		0.00
79) Terphenyl-d14	12.992	244	1137609	64.715	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	19757	6.705	ng	#	78
3) Pyridine	3.475	79	53175	6.781	ng	#	74
4) n-Nitrosodimethylamine	3.370	42	31547	7.261	ng	#	71
6) Aniline	6.534	93	77712	8.318	ng		96
8) 2-Chlorophenol	6.658	128	42243	7.185	ng		95
9) Benzaldehyde	6.422	77	43269	9.495	ng		86
10) Phenol	6.516	94	63510	7.395	ng		78
11) bis(2-Chloroethyl)ether	6.605	93	48509	7.606	ng		92
12) 1,3-Dichlorobenzene	6.810	146	49802	7.546	ng		98
13) 1,4-Dichlorobenzene	6.887	146	49571	7.487	ng		97
14) 1,2-Dichlorobenzene	7.040	146	46375	7.443	ng		97
15) Benzyl Alcohol	7.010	79	45374	7.743	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	7.140	45	86973	7.267	ng		99
17) 2-Methylphenol	7.116	107	37257	7.454	ng	#	92
18) Hexachloroethane	7.375	117	18323	7.205	ng	#	81
19) n-Nitroso-di-n-propyla...	7.275	70	35658	7.309	ng	#	86
20) 3+4-Methylphenols	7.275	107	44268	6.830	ng	#	43
22) Acetophenone	7.275	105	67998	7.555	ng	#	88
24) Nitrobenzene	7.452	77	57675	7.661	ng		91
25) Isophorone	7.687	82	96608	7.548	ng		99
26) 2-Nitrophenol	7.769	139	20747	6.654	ng	#	64
27) 2,4-Dimethylphenol	7.799	122	39728	8.488	ng		94
28) bis(2-Chloroethoxy)met...	7.899	93	61463	7.579	ng		98
29) 2,4-Dichlorophenol	8.010	162	37226	6.945	ng		98
30) 1,2,4-Trichlorobenzene	8.093	180	44066	7.211	ng		95
31) Naphthalene	8.175	128	129544	7.387	ng		99
32) Benzoic acid	7.893	122	12001m	4.132	ng		
33) 4-Chloroaniline	8.222	127	55836	8.214	ng	#	94
34) Hexachlorobutadiene	8.281	225	29046	7.128	ng		97
35) Caprolactam	8.563	113	11225	7.010	ng		88
36) 4-Chloro-3-methylphenol	8.704	107	41793	7.194	ng		97
37) 2-Methylnaphthalene	8.863	142	88021	7.682	ng		96
38) 1-Methylnaphthalene	8.963	142	87364	7.931	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	46690	7.172	ng	#	93
41) Hexachlorocyclopentadiene	9.010	237	10607	4.636	ng		98
43) 2,4,6-Trichlorophenol	9.146	196	26335	6.409	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	25322	5.807	ng		91
46) 1,1'-Biphenyl	9.328	154	113678	7.324	ng		98
47) 2-Chloronaphthalene	9.357	162	85352	7.064	ng		95
48) 2-Nitroaniline	9.451	65	32457	6.982	ng		85
49) Acenaphthylene	9.769	152	134872	7.294	ng		99
50) Dimethylphthalate	9.622	163	99136	6.727	ng	#	99
51) 2,6-Dinitrotoluene	9.693	165	20323	6.818	ng		90
52) Acenaphthene	9.940	154	80129	7.270	ng		97
53) 3-Nitroaniline	9.863	138	22703	6.989	ng	#	95
54) 2,4-Dinitrophenol	9.981	184	4168	2.838	ng	#	90
55) Dibenzofuran	10.116	168	119233	6.963	ng		99
56) 4-Nitrophenol	10.034	139	10663	5.401	ng	#	78
57) 2,4-Dinitrotoluene	10.099	165	28248	7.202	ng		94
58) Fluorene	10.457	166	94597	7.125	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	21921	6.049	ng	#	82
60) Diethylphthalate	10.322	149	94180	7.006	ng		97
61) 4-Chlorophenyl-phenyle...	10.446	204	50749	7.053	ng		89
62) 4-Nitroaniline	10.475	138	22088	6.824	ng	#	76
63) Azobenzene	10.610	77	104447	6.760	ng		90
65) 4,6-Dinitro-2-methylph...	10.510	198	11508	5.286	ng		89
66) n-Nitrosodiphenylamine	10.569	169	80934	7.381	ng		98
67) 4-Bromophenyl-phenylether	10.940	248	30189	7.093	ng		93
68) Hexachlorobenzene	11.004	284	32201	6.942	ng	#	90
69) Atrazine	11.093	200	30674	8.106	ng		95
70) Pentachlorophenol	11.210	266	8116m	4.334	ng		
71) Phenanthrene	11.428	178	134778	7.231	ng		98
72) Anthracene	11.475	178	141538	7.668	ng		98
73) Carbazole	11.634	167	123046	7.079	ng		98
74) Di-n-butylphthalate	11.957	149	142406	7.004	ng		100
75) Fluoranthene	12.616	202	155836	7.478	ng		92
77) Benzidine	12.740	184	66696	8.664	ng		98
78) Pyrene	12.845	202	158789	6.735	ng		98
80) Butylbenzylphthalate	13.457	149	58170	6.411	ng	#	95
81) Benzo(a)anthracene	14.039	228	142707	7.002	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	45671	7.207	ng	#	96
83) Chrysene	14.075	228	130520	6.885	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	82923	6.789	ng	#	100
85) Di-n-octyl phthalate	14.628	149	134848	7.294	ng		96
87) Indeno(1,2,3-cd)pyrene	17.039	276	83481	6.038	ng	#	85
88) Benzo(b)fluoranthene	15.092	252	113573	7.539	ng	#	93
89) Benzo(k)fluoranthene	15.122	252	106991	7.553	ng	#	95
90) Benzo(a)pyrene	15.469	252	99364	8.376	ng	#	93
91) Dibenzo(a,h)anthracene	17.051	278	73613	6.397	ng	#	91
92) Benzo(g,h,i)perylene	17.492	276	69000	6.147	ng	#	84

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

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