Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131689.D
Acq On : 19 Dec 2022 15:18
Operator : CG\JU
Sample : N6067-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 01:03:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 00:23:43 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	78258	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	278919	20.000	ng		# 0.00
39) Acenaphthene-d10	9.928	164	158917	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	280834	20.000	ng		0.00
76) Chrysene-d12	14.074	240	126787	20.000	ng		# 0.00
86) Perylene-d12	15.574	264	161092	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	675101	143.916	ng		0.03
7) Phenol-d6	6.516	99	834481	135.751	ng		0.01
23) Nitrobenzene-d5	7.451	82	652307	88.419	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	264723	149.932	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1128352	89.525	ng		0.00
79) Terphenyl-d14	13.016	244	1002136	108.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	95566m	45.134	ng		
3) Pyridine	3.534	79	220291	37.473	ng		96
4) n-Nitrosodimethylamine	3.481	42	136554	42.119	ng	#	82
6) Aniline	6.540	93	198734	27.032	ng		98
8) 2-Chlorophenol	6.663	128	249470	50.183	ng		96
9) Benzaldehyde	6.428	77	93956	22.311	ng		98
10) Phenol	6.528	94	308891m	45.049	ng		
11) bis(2-Chloroethyl)ether	6.616	93	271471	52.817	ng		98
12) 1,3-Dichlorobenzene	6.816	146	265058	45.989	ng		98
13) 1,4-Dichlorobenzene	6.892	146	267607	46.032	ng		99
14) 1,2-Dichlorobenzene	7.045	146	258265	46.505	ng		98
15) Benzyl Alcohol	7.022	79	280216	49.723	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	335487	50.530	ng		99
17) 2-Methylphenol	7.134	107	223033	49.782	ng		96
18) Hexachloroethane	7.387	117	106712	45.503	ng		91
19) n-Nitroso-di-n-propyla...	7.298	70	222113	48.187	ng		94
20) 3+4-Methylphenols	7.292	107	279141	45.744	ng	#	77
22) Acetophenone	7.292	105	415521	47.539	ng		96
24) Nitrobenzene	7.469	77	345496	46.432	ng		94
25) Isophorone	7.704	82	613284	51.609	ng		99
26) 2-Nitrophenol	7.781	139	138774	54.690	ng		93
27) 2,4-Dimethylphenol	7.822	122	228616	58.781	ng		93
28) bis(2-Chloroethoxy)met...	7.916	93	341090	55.486	ng		99
29) 2,4-Dichlorophenol	8.028	162	233423	48.539	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	267247	45.316	ng		99
31) Naphthalene	8.187	128	751324	47.826	ng		100
32) Benzoic acid	7.951	122	152804m	54.250	ng		
33) 4-Chloroaniline	8.239	127	75012	12.739	ng		97
34) Hexachlorobutadiene	8.298	225	175050	42.116	ng		97
35) Caprolactam	8.616	113	56021m	45.033	ng		
36) 4-Chloro-3-methylphenol	8.728	107	262472	48.605	ng		96
37) 2-Methylnaphthalene	8.881	142	509724	47.444	ng		100
38) 1-Methylnaphthalene	8.981	142	466337	45.216	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	287937	48.946	ng		98
41) Hexachlorocyclopentadiene	9.034	237	341821	114.477	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	183047	50.306	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	195531	49.967	ng	#	94
46) 1,1'-Biphenyl	9.351	154	632260	50.320	ng		99
47) 2-Chloronaphthalene	9.375	162	508771	49.699	ng		100
48) 2-Nitroaniline	9.475	65	171222	47.215	ng		92
49) Acenaphthylene	9.792	152	752809	50.083	ng		100
50) Dimethylphthalate	9.657	163	593208	48.967	ng		99
51) 2,6-Dinitrotoluene	9.722	165	130541	52.196	ng	#	71
52) Acenaphthene	9.963	154	541129m	53.739	ng		
53) 3-Nitroaniline	9.886	138	71287	29.708	ng		98
54) 2,4-Dinitrophenol	9.998	184	130342	90.475	ng		94
55) Dibenzofuran	10.139	168	686090	48.222	ng		98
56) 4-Nitrophenol	10.057	139	151483	90.873	ng	#	81
57) 2,4-Dinitrotoluene	10.128	165	169224	51.007	ng		92
58) Fluorene	10.480	166	538692	46.573	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	154591m	46.652	ng		
60) Diethylphthalate	10.357	149	552027	47.484	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	295512	46.232	ng		96
62) 4-Nitroaniline	10.510	138	106978	44.989	ng		87
63) Azobenzene	10.633	77	612959	46.228	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	87288	49.073	ng		83
66) n-Nitrosodiphenylamine	10.598	169	455757	50.198	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	175340	48.534	ng		93
68) Hexachlorobenzene	11.028	284	189101	48.391	ng	#	92
69) Atrazine	11.122	200	136524	47.353	ng		98
70) Pentachlorophenol	11.227	266	201977	100.399	ng		99
71) Phenanthrene	11.451	178	739478	47.241	ng		99
72) Anthracene	11.504	178	756579	49.679	ng		100
73) Carbazole	11.657	167	593533	47.747	ng		100
74) Di-n-butylphthalate	11.986	149	739887	48.516	ng		99
75) Fluoranthene	12.645	202	698877	43.358	ng		99
77) Benzidine	12.763	184	94903	27.936	ng		99
78) Pyrene	12.874	202	684515	54.753	ng		100
80) Butylbenzylphthalate	13.492	149	210902	58.293	ng		94
81) Benzo(a)anthracene	14.063	228	468083	51.123	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	128499	49.327	ng		98
83) Chrysene	14.104	228	447625	51.424	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	258410	52.148	ng		97
85) Di-n-octyl phthalate	14.668	149	414825	50.997	ng		98
87) Indeno(1,2,3-cd)pyrene	17.104	276	655441	49.856	ng		98
88) Benzo(b)fluoranthene	15.133	252	519581	48.937	ng		99
89) Benzo(k)fluoranthene	15.168	252	485297	43.792	ng		98
90) Benzo(a)pyrene	15.515	252	470528	51.930	ng		98
91) Dibenzo(a,h)anthracene	17.121	278	543332	50.215	ng		100
92) Benzo(g,h,i)perylene	17.562	276	542957	49.930	ng	#	97

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

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