Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035864.D
Acq On : 19 Jul 2022 13:35
Operator : CG/JU
Sample : N3214-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 14:05:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	342222	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	1472569	20.000	ng		-0.01
39) Acenaphthene-d10	14.527	164	910860	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1807358	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1417219	20.000	ng		0.00
86) Perylene-d12	23.827	264	1218708	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	2422756	109.753	ng		0.00
7) Phenol-d6	7.057	99	3280622	118.185	ng		0.00
23) Nitrobenzene-d5	9.063	82	2281798	82.875	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	1217092	119.458	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	5309508	82.395	ng		0.00
79) Terphenyl-d14	19.897	244	6684253	91.766	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	63027	6.908	ng		93
3) Pyridine	3.728	79	162189	6.688	ng		90
4) n-Nitrosodimethylamine	3.640	42	76249	7.524	ng	#	68
6) Aniline	7.222	93	258340	8.475	ng		95
8) 2-Chlorophenol	7.451	128	168444	7.385	ng		98
9) Benzaldehyde	7.028	77	152555m	9.782	ng		
10) Phenol	7.081	94	208047	7.442	ng		96
11) bis(2-Chloroethyl)ether	7.322	93	171974	7.624	ng		97
12) 1,3-Dichlorobenzene	7.781	146	186291	7.322	ng		98
13) 1,4-Dichlorobenzene	7.928	146	191344	7.386	ng		99
14) 1,2-Dichlorobenzene	8.245	146	184430	7.361	ng		98
15) Benzyl Alcohol	8.133	79	132337	7.235	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.428	45	227895	7.760	ng		96
17) 2-Methylphenol	8.339	107	132260	7.287	ng		96
18) Hexachloroethane	8.975	117	67054	7.195	ng		95
19) n-Nitroso-di-n-propyla...	8.704	70	129166	8.026	ng		91
20) 3+4-Methylphenols	8.669	107	174926	7.131	ng		95
22) Acetophenone	8.722	105	266346	7.319	ng	#	93
24) Nitrobenzene	9.098	77	203137	7.855	ng		99
25) Isophorone	9.628	82	351897	8.170	ng		98
26) 2-Nitrophenol	9.810	139	70240	6.030	ng		97
27) 2,4-Dimethylphenol	9.875	122	149707	8.147	ng		98
28) bis(2-Chloroethoxy)met...	10.116	93	226196	7.545	ng		98
29) 2,4-Dichlorophenol	10.345	162	137529	6.750	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	163237	6.942	ng		99
31) Naphthalene	10.751	128	559749	7.481	ng		99
32) Benzoic acid	9.939	122	58053	4.177	ng		93
33) 4-Chloroaniline	10.863	127	233195	7.791	ng		96
34) Hexachlorobutadiene	11.033	225	92631	6.864	ng		95
35) Caprolactam	11.622	113	41595	6.676	ng		96
36) 4-Chloro-3-methylphenol	11.980	107	149655	7.163	ng		97
37) 2-Methylnaphthalene	12.357	142	371789	7.639	ng		96
38) 1-Methylnaphthalene	12.580	142	360383	7.607	ng		99
40) 1,2,4,5-Tetrachloroben...	12.721	216	179024	6.879	ng		99
41) Hexachlorocyclopentadiene	12.704	237	104984	7.485	ng		96
43) 2,4,6-Trichlorophenol	12.963	196	105891	6.156	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	116007	6.396	ng	99
46) 1,1'-Biphenyl	13.368	154	495968	7.158	ng	99
47) 2-Chloronaphthalene	13.410	162	375789	7.056	ng	100
48) 2-Nitroaniline	13.616	65	91228	6.216	ng	93
49) Acenaphthylene	14.251	152	614087	7.488	ng	100
50) Dimethylphthalate	13.992	163	435239	7.259	ng	99
51) 2,6-Dinitrotoluene	14.110	165	88540	7.062	ng	97
52) Acenaphthene	14.592	154	357058	7.268	ng	99
53) 3-Nitroaniline	14.433	138	100095	6.631	ng	98
54) 2,4-Dinitrophenol	14.639	184	29041	4.701	ng	93
55) Dibenzofuran	14.927	168	568282	7.220	ng	98
56) 4-Nitrophenol	14.733	139	71629	6.048	ng	90
57) 2,4-Dinitrotoluene	14.892	165	107828	6.572	ng	97
58) Fluorene	15.574	166	450070	7.283	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	94226	6.463	ng	98
60) Diethylphthalate	15.357	149	436245	7.343	ng	98
61) 4-Chlorophenyl-phenyle...	15.574	204	216759	7.209	ng	96
62) 4-Nitroaniline	15.592	138	96885	6.269	ng	94
63) Azobenzene	15.862	77	434526	7.123	ng	94
65) 4,6-Dinitro-2-methylph...	15.645	198	41480	4.570	ng	95
66) n-Nitrosodiphenylamine	15.786	169	371147	6.993	ng	99
67) 4-Bromophenyl-phenylether	16.462	248	123695	6.808	ng	96
68) Hexachlorobenzene	16.568	284	150386	7.130	ng	94
69) Atrazine	16.733	200	110820	7.947	ng	98
70) Pentachlorophenol	16.915	266	66816	5.709	ng	98
71) Phenanthrene	17.309	178	686725	7.223	ng	99
72) Anthracene	17.403	178	674447	7.298	ng	99
73) Carbazole	17.674	167	618714	6.600	ng	99
74) Di-n-butylphthalate	18.245	149	623526	6.533	ng	99
75) Fluoranthene	19.321	202	694017	6.716	ng	97
77) Benzidine	19.515	184	289778	11.646	ng	99
78) Pyrene	19.686	202	726648	7.842	ng	100
80) Butylbenzylphthalate	20.597	149	189785	5.737	ng	98
81) Benzo(a)anthracene	21.433	228	637402	7.105	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	191094	9.093	ng	99
83) Chrysene	21.486	228	592316	6.919	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	268775	5.765	ng	100
85) Di-n-octyl phthalate	22.297	149	380343	5.142	ng	98
87) Indeno(1,2,3-cd)pyrene	26.297	276	536945	6.030	ng	98
88) Benzo(b)fluoranthene	23.103	252	552340	7.614	ng	99
89) Benzo(k)fluoranthene	23.150	252	536827	7.151	ng	98
90) Benzo(a)pyrene	23.721	252	497887	8.063	ng	98
91) Dibenzo(a,h)anthracene	26.321	278	470900	6.364	ng	98
92) Benzo(g,h,i)perylene	27.056	276	471027	6.455	ng	98

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

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