Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031030.D
Acq On : 20 Jul 2021 19:38
Operator : CG/JU
Sample : M2940-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations APPROVED
mohammad
7/21/2021 11:26:49 AM

Quant Time: Jul 21 01:39:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:21:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	59030	20.000	ng		0.00
21) Naphthalene-d8	10.404	136	263342	20.000	ng	#	0.00
39) Acenaphthene-d10	14.268	164	192800	20.000	ng		0.00
64) Phenanthrene-d10	17.015	188	451859	20.000	ng		0.00
76) Chrysene-d12	21.203	240	562463	20.000	ng		0.00
86) Perylene-d12	23.380	264	629349	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	351720	106.994	ng		0.00
7) Phenol-d6	6.822	99	500215	104.968	ng		0.00
23) Nitrobenzene-d5	8.787	82	367336	70.037	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	265720	105.544	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	868552	67.216	ng		0.00
79) Terphenyl-d14	19.656	244	1922711	67.634	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	12771	9.668	ng		96
3) Pyridine	3.628	79	28576	7.647	ng	#	80
4) n-Nitrosodimethylamine	3.546	42	18180	8.560	ng	#	83
6) Aniline	6.981	93	48621	9.503	ng		97
8) 2-Chlorophenol	7.204	128	31146	8.049	ng		97
9) Benzaldehyde	6.793	77	28453m	10.020	ng		
10) Phenol	6.840	94	36964	8.006	ng		79
11) bis(2-Chloroethyl)ether	7.081	93	28502	8.339	ng		96
12) 1,3-Dichlorobenzene	7.528	146	35450	8.425	ng		95
13) 1,4-Dichlorobenzene	7.675	146	36476	8.518	ng		98
14) 1,2-Dichlorobenzene	7.981	146	34731	8.304	ng	#	89
15) Benzyl Alcohol	7.875	79	32937	8.210	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.175	45	37313	8.726	ng		100
17) 2-Methylphenol	8.075	107	25853	8.004	ng	#	91
18) Hexachloroethane	8.704	117	13789	8.343	ng		91
19) n-Nitroso-di-n-propyla...	8.439	70	28456	8.455	ng		96
20) 3+4-Methylphenols	8.404	107	37212	8.147	ng		93
22) Acetophenone	8.451	105	54612	8.377	ng	#	91
24) Nitrobenzene	8.828	77	45001	8.497	ng		98
25) Isophorone	9.345	82	71023	7.573	ng		97
26) 2-Nitrophenol	9.528	139	16505	7.401	ng		93
27) 2,4-Dimethylphenol	9.592	122	32726	9.314	ng		92
28) bis(2-Chloroethoxy)met...	9.833	93	41835	8.847	ng		96
29) 2,4-Dichlorophenol	10.057	162	31084	7.479	ng		99
30) 1,2,4-Trichlorobenzene	10.269	180	37048	8.118	ng		94
31) Naphthalene	10.451	128	109325	8.068	ng		98
32) Benzoic acid	9.669	122	19143	6.395	ng	#	87
33) 4-Chloroaniline	10.569	127	48700	8.331	ng		95
34) Hexachlorobutadiene	10.739	225	22972	7.839	ng		96
35) Caprolactam	11.339	113	11018m	7.886	ng		
36) 4-Chloro-3-methylphenol	11.692	107	36369	7.668	ng		99
37) 2-Methylnaphthalene	12.069	142	82158	7.866	ng	#	96
38) 1-Methylnaphthalene	12.292	142	75767	7.619	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.439	216	44129	8.215	ng	#	98
41) Hexachlorocyclopentadiene	12.422	237	29750	9.956	ng		94
43) 2,4,6-Trichlorophenol	12.686	196	28875	7.652	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	30487	7.297	ng	#	92
46) 1,1'-Biphenyl	13.098	154	114367	8.366	ng		97
47) 2-Chloronaphthalene	13.133	162	86788	8.105	ng		93
48) 2-Nitroaniline	13.345	65	24787	7.264	ng		97
49) Acenaphthylene	13.986	152	137749	8.048	ng		98
50) Dimethylphthalate	13.733	163	117167	8.102	ng		99
51) 2,6-Dinitrotoluene	13.851	165	23650	7.301	ng	#	79
52) Acenaphthene	14.333	154	84068	7.805	ng		99
53) 3-Nitroaniline	14.180	138	25022	7.646	ng		97
54) 2,4-Dinitrophenol	14.380	184	12193	6.382	ng	#	86
55) Dibenzofuran	14.668	168	141056	7.985	ng		94
56) 4-Nitrophenol	14.486	139	21786	7.528	ng	#	79
57) 2,4-Dinitrotoluene	14.639	165	32420	7.188	ng	#	85
58) Fluorene	15.321	166	115418	7.745	ng		95
59) 2,3,4,6-Tetrachlorophenol	14.892	232	28798	7.397	ng	#	90
60) Diethylphthalate	15.110	149	125024	8.064	ng		97
61) 4-Chlorophenyl-phenyle...	15.321	204	57115	7.740	ng	#	83
62) 4-Nitroaniline	15.345	138	27047	7.492	ng		88
63) Azobenzene	15.615	77	120820	7.829	ng		93
65) 4,6-Dinitro-2-methylph...	15.398	198	16735	5.905	ng		81
66) n-Nitrosodiphenylamine	15.539	169	101683	7.656	ng		98
67) 4-Bromophenyl-phenylether	16.215	248	36121	7.726	ng		90
68) Hexachlorobenzene	16.315	284	40481	7.684	ng	#	91
69) Atrazine	16.498	200	39745	8.151	ng		98
70) Pentachlorophenol	16.662	266	24502	7.114	ng		92
71) Phenanthrene	17.057	178	193443	7.731	ng		99
72) Anthracene	17.145	178	196852	7.978	ng		100
73) Carbazole	17.421	167	185713	7.603	ng		96
74) Di-n-butylphthalate	17.998	149	218882	7.628	ng	#	97
75) Fluoranthene	19.074	202	240642	7.685	ng		100
77) Benzidine	19.268	184	136470	9.828	ng		98
78) Pyrene	19.439	202	254205	7.237	ng		98
80) Butylbenzylphthalate	20.356	149	104246	6.951	ng		94
81) Benzo(a)anthracene	21.186	228	281854	7.561	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	104513	10.228	ng		98
83) Chrysene	21.239	228	280041	7.733	ng		96
84) Bis(2-ethylhexyl)phtha...	21.139	149	170849	7.353	ng		95
85) Di-n-octyl phthalate	22.003	149	304305	7.649	ng		98
87) Indeno(1,2,3-cd)pyrene	25.544	276	352312	7.834	ng		100
88) Benzo(b)fluoranthene	22.733	252	302978	7.265	ng		99
89) Benzo(k)fluoranthene	22.774	252	304363	7.804	ng		100
90) Benzo(a)pyrene	23.286	252	302614	8.061	ng		99
91) Dibenzo(a,h)anthracene	25.556	278	301148	7.736	ng		98
92) Benzo(g,h,i)perylene	26.197	276	294158	7.931	ng		99

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

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