Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
Data File : BP006262.D
Acq On : 21 Jul 2021 12:29
Operator : CG/JU
Sample : M2940-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/22/2021 1:29:26 PM

Quant Time: Jul 21 12:55:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	278632	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1105749	20.000	ng	#	0.00
39) Acenaphthene-d10	14.428	164	650583	20.000	ng		0.00
64) Phenanthrene-d10	17.181	188	1294563	20.000	ng	#	0.00
76) Chrysene-d12	21.280	240	1262383	20.000	ng	#	0.00
86) Perylene-d12	23.633	264	1285896	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2160961	129.212	ng		-0.01
7) Phenol-d6	6.975	99	2944224	128.765	ng		0.00
23) Nitrobenzene-d5	8.958	82	1744705	95.013	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	832139	124.261	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3659845	85.627	ng		0.00
79) Terphenyl-d14	19.757	244	5221699	82.745	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	60019	8.582	ng		94
3) Pyridine	3.740	79	142892	7.340	ng		96
4) n-Nitrosodimethylamine	3.646	42	53384	8.087	ng	#	80
6) Aniline	7.134	93	227184	8.975	ng		99
8) 2-Chlorophenol	7.363	128	144336	7.816	ng		92
9) Benzaldehyde	6.952	77	138706	10.536	ng		96
10) Phenol	6.999	94	183674	8.097	ng		95
11) bis(2-Chloroethyl)ether	7.234	93	144335	8.215	ng		96
12) 1,3-Dichlorobenzene	7.687	146	160628	7.939	ng		99
13) 1,4-Dichlorobenzene	7.834	146	165555	8.072	ng		98
14) 1,2-Dichlorobenzene	8.146	146	155885	7.935	ng		97
15) Benzyl Alcohol	8.040	79	126480	7.684	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.328	45	157766	8.913	ng		96
17) 2-Methylphenol	8.240	107	119386	7.935	ng		98
18) Hexachloroethane	8.869	117	57697	7.913	ng		89
19) n-Nitroso-di-n-propyla...	8.610	70	108123	7.719	ng		93
20) 3+4-Methylphenols	8.569	107	156892	7.742	ng		95
22) Acetophenone	8.622	105	223863	8.389	ng	#	98
24) Nitrobenzene	8.999	77	169383	8.676	ng		93
25) Isophorone	9.528	82	269134	7.184	ng		96
26) 2-Nitrophenol	9.705	139	54275	7.402	ng		94
27) 2,4-Dimethylphenol	9.769	122	128674	8.681	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	186910	8.838	ng		98
29) 2,4-Dichlorophenol	10.234	162	112992	7.385	ng		96
30) 1,2,4-Trichlorobenzene	10.452	180	136631	7.898	ng		99
31) Naphthalene	10.634	128	466426	8.036	ng		100
32) Benzoic acid	9.834	122	45699	4.968	ng		98
33) 4-Chloroaniline	10.752	127	185940	7.870	ng		98
34) Hexachlorobutadiene	10.922	225	77819	7.587	ng		98
35) Caprolactam	11.528	113	34082	7.402	ng	#	82
36) 4-Chloro-3-methylphenol	11.875	107	134378	7.546	ng		94
37) 2-Methylnaphthalene	12.251	142	324705	8.011	ng		95
38) 1-Methylnaphthalene	12.469	142	299602	7.816	ng		98
40) 1,2,4,5-Tetrachloroben...	12.616	216	145541	8.259	ng		97
41) Hexachlorocyclopentadiene	12.599	237	88252	9.147	ng		98
43) 2,4,6-Trichlorophenol	12.857	196	82319	7.448	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	89649	7.549	ng	#	87
46) 1,1'-Biphenyl	13.263	154	408855	8.526	ng		98
47) 2-Chloronaphthalene	13.304	162	298866	8.095	ng		97
48) 2-Nitroaniline	13.510	65	65800	7.584	ng		96
49) Acenaphthylene	14.151	152	466419	7.936	ng		99
50) Dimethylphthalate	13.898	163	355651	7.791	ng		99
51) 2,6-Dinitrotoluene	14.010	165	61832	6.901	ng		87
52) Acenaphthene	14.493	154	290995	8.009	ng		98
53) 3-Nitroaniline	14.334	138	67139	7.073	ng	#	89
54) 2,4-Dinitrophenol	14.534	184	24925	6.558	ng		92
55) Dibenzofuran	14.828	168	457999	7.984	ng		99
56) 4-Nitrophenol	14.640	139	54792	6.505	ng		88
57) 2,4-Dinitrotoluene	14.793	165	74867	6.477	ng	#	84
58) Fluorene	15.481	166	365041	7.944	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	73253m	7.124	ng		
60) Diethylphthalate	15.269	149	366172	7.772	ng		97
61) 4-Chlorophenyl-phenyle...	15.481	204	174789	8.041	ng		94
62) 4-Nitroaniline	15.498	138	67543	6.812	ng		87
63) Azobenzene	15.775	77	353313	7.447	ng		93
65) 4,6-Dinitro-2-methylph...	15.551	198	33297	5.528	ng		85
66) n-Nitrosodiphenylamine	15.692	169	306163	7.708	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	98157	7.526	ng		95
68) Hexachlorobenzene	16.481	284	114507	7.656	ng	#	91
69) Atrazine	16.657	200	99662	7.682	ng		97
70) Pentachlorophenol	16.828	266	57182	6.827	ng		99
71) Phenanthrene	17.222	178	574805	8.106	ng		99
72) Anthracene	17.316	178	567190	8.201	ng		99
73) Carbazole	17.586	167	509684	7.352	ng		99
74) Di-n-butylphthalate	18.163	149	593409	7.499	ng		99
75) Fluoranthene	19.198	202	629328	7.734	ng		95
77) Benzidine	19.386	184	312418	8.503	ng		100
78) Pyrene	19.551	202	650800	7.807	ng		99
80) Butylbenzylphthalate	20.445	149	238782	6.762	ng		92
81) Benzo(a)anthracene	21.263	228	612114	7.556	ng		100
82) 3,3'-Dichlorobenzidine	21.204	252	215300	9.598	ng	#	96
83) Chrysene	21.316	228	598030	7.625	ng		99
84) Bis(2-ethylhexyl)phtha...	21.216	149	395081	7.423	ng	#	97
85) Di-n-octyl phthalate	22.133	149	613482	6.870	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.074	276	709497	7.788	ng	#	89
88) Benzo(b)fluoranthene	22.916	252	615092	7.413	ng	#	95
89) Benzo(k)fluoranthene	22.969	252	632123	8.182	ng	#	95
90) Benzo(a)pyrene	23.527	252	600852	8.071	ng	#	93
91) Dibenzo(a,h)anthracene	26.098	278	609259	7.732	ng	#	92
92) Benzo(g,h,i)perylene	26.821	276	601092	7.837	ng	#	88

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

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