Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009503.D
Acq On : 23 Mar 2022 12:42
Operator : CG/JU
Sample : N1645-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 23 13:46:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 23 13:46:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	408499	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	1532621	20.000	ng		-0.01
39) Acenaphthene-d10	14.434	164	922982	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1765949	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1714736	20.000	ng		0.00
86) Perylene-d12	23.715	264	1964588	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2727667	116.581	ng		-0.01
7) Phenol-d6	6.981	99	3702840	117.025	ng		-0.01
23) Nitrobenzene-d5	8.946	82	2470587	85.663	ng		-0.01
42) 2,4,6-Tribromophenol	15.933	330	1458316	95.748	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	5633061	84.607	ng		0.00
79) Terphenyl-d14	19.774	244	7298612	76.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	73864	7.970	ng		99
3) Pyridine	3.728	79	169993	6.811	ng	#	95
4) n-Nitrosodimethylamine	3.634	42	69355	7.545	ng	#	95
6) Aniline	7.122	93	294448	8.165	ng		98
8) 2-Chlorophenol	7.363	128	197040	7.385	ng		98
9) Benzaldehyde	6.940	77	174120m	10.382	ng		
10) Phenol	7.005	94	239639	7.549	ng		93
11) bis(2-Chloroethyl)ether	7.216	93	185301	7.376	ng		97
12) 1,3-Dichlorobenzene	7.681	146	227600	7.558	ng		98
13) 1,4-Dichlorobenzene	7.828	146	230824	7.497	ng		99
14) 1,2-Dichlorobenzene	8.140	146	219703	7.383	ng		98
15) Benzyl Alcohol	8.046	79	200827m	7.961	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	219287	8.052	ng		95
17) 2-Methylphenol	8.252	107	155352	7.102	ng		97
18) Hexachloroethane	8.863	117	80355	7.447	ng		98
19) n-Nitroso-di-n-propyla...	8.599	70	145312	7.261	ng		99
20) 3+4-Methylphenols	8.581	107	204836	6.810	ng		98
22) Acetophenone	8.616	105	294543	7.765	ng	#	96
24) Nitrobenzene	8.987	77	225451	8.275	ng		98
25) Isophorone	9.516	82	393786	8.005	ng		100
26) 2-Nitrophenol	9.704	139	95636	6.734	ng		97
27) 2,4-Dimethylphenol	9.775	122	165959	8.282	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	239840	7.488	ng		97
29) 2,4-Dichlorophenol	10.263	162	165906	6.787	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	208713	7.370	ng		100
31) Naphthalene	10.634	128	612374	7.757	ng		100
32) Benzoic acid	9.946	122	58833m	3.755	ng		
33) 4-Chloroaniline	10.757	127	243170	7.548	ng		99
34) Hexachlorobutadiene	10.922	225	131961	6.877	ng		98
35) Caprolactam	11.534	113	49297	5.976	ng		97
36) 4-Chloro-3-methylphenol	11.904	107	173354	6.600	ng		98
37) 2-Methylnaphthalene	12.251	142	410802	7.416	ng		97
38) 1-Methylnaphthalene	12.469	142	394718	7.315	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	236130	7.711	ng		99
41) Hexachlorocyclopentadiene	12.604	237	40032	3.710	ng		99
43) 2,4,6-Trichlorophenol	12.875	196	135447	6.673	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	148822	6.752	ng	97
46) 1,1'-Biphenyl	13.269	154	556034	8.075	ng	97
47) 2-Chloronaphthalene	13.304	162	418722	7.724	ng	98
48) 2-Nitroaniline	13.522	65	96505	6.536	ng	97
49) Acenaphthylene	14.151	152	663498	7.928	ng	99
50) Dimethylphthalate	13.892	163	486950	6.963	ng	99
51) 2,6-Dinitrotoluene	14.010	165	99480	6.789	ng	98
52) Acenaphthene	14.498	154	376345	7.528	ng	99
53) 3-Nitroaniline	14.351	138	96476	6.233	ng	97
54) 2,4-Dinitrophenol	14.592	184	25127m	3.122	ng	
55) Dibenzofuran	14.834	168	618285	7.362	ng	100
56) 4-Nitrophenol	14.728	139	44042	3.817	ng	91
57) 2,4-Dinitrotoluene	14.810	165	121378	6.024	ng	96
58) Fluorene	15.486	166	481696	7.293	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.075	232	124276	6.219	ng	93
60) Diethylphthalate	15.263	149	472034	6.744	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	256708	7.055	ng	95
62) 4-Nitroaniline	15.522	138	92847	5.712	ng	97
63) Azobenzene	15.781	77	432272	7.099	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	49972	4.401	ng	94
66) n-Nitrosodiphenylamine	15.704	169	411095	7.866	ng	98
67) 4-Bromophenyl-phenylether	16.386	248	152224	7.044	ng	96
68) Hexachlorobenzene	16.504	284	174356	7.011	ng	97
69) Atrazine	16.663	200	138672	7.547	ng	98
70) Pentachlorophenol	16.869	266	63428	4.771	ng	97
71) Phenanthrene	17.239	178	720500	7.622	ng	100
72) Anthracene	17.333	178	716410	7.676	ng	99
73) Carbazole	17.616	167	635305	6.960	ng	100
74) Di-n-butylphthalate	18.169	149	743664	6.953	ng	99
75) Fluoranthene	19.222	202	813099	7.105	ng	98
77) Benzidine	19.410	184	434998	10.350	ng	99
78) Pyrene	19.580	202	850830	7.530	ng	99
80) Butylbenzylphthalate	20.463	149	342664	7.135	ng	93
81) Benzo(a)anthracene	21.298	228	862767	7.658	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	339389	7.798	ng	99
83) Chrysene	21.351	228	801805	7.516	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	527503	7.880	ng	99
85) Di-n-octyl phthalate	22.157	149	935199	8.105	ng	99
87) Indeno(1,2,3-cd)pyrene	26.221	276	1101443	7.390	ng	97
88) Benzo(b)fluoranthene	22.986	252	913864	7.792	ng	98
89) Benzo(k)fluoranthene	23.033	252	886461	7.720	ng	99
90) Benzo(a)pyrene	23.610	252	903872	9.008	ng	99
91) Dibenzo(a,h)anthracene	26.239	278	968723	7.798	ng	98
92) Benzo(g,h,i)perylene	26.986	276	954634	7.812	ng	97

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

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