Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
Data File : BP014070.D
Acq On : 13 Mar 2023 19:07
Operator : CG/JU
Sample : 01627-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 14 04:22:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	147599	20.000	ng		0.00
21) Naphthalene-d8	10.893	136	524567	20.000	ng	#	0.00
39) Acenaphthene-d10	14.710	164	304692	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	611437	20.000	ng	#	0.00
76) Chrysene-d12	21.539	240	541016	20.000	ng		0.00
86) Perylene-d12	24.074	264	561278	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	1063247	116.824	ng		0.00
7) Phenol-d6	7.222	99	1358914	113.724	ng		0.00
23) Nitrobenzene-d5	9.246	82	1009778	87.982	ng		0.00
42) 2,4,6-Tribromophenol	16.198	330	502707	101.760	ng		0.00
45) 2-Fluorobiphenyl	13.334	172	2013244	85.605	ng		0.00
79) Terphenyl-d14	19.998	244	2618242	79.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.470	88	30887	7.812	ng		94
3) Pyridine	3.893	79	70379	6.410	ng		96
4) n-Nitrosodimethylamine	3.793	42	34204	7.018	ng	#	99
6) Aniline	7.393	93	113600	7.237	ng		97
8) 2-Chlorophenol	7.628	128	72857	7.474	ng		95
9) Benzaldehyde	7.205	77	71317	11.927	ng		99
10) Phenol	7.252	94	94109	7.567	ng		98
11) bis(2-Chloroethyl)ether	7.487	93	73758	7.491	ng		99
12) 1,3-Dichlorobenzene	7.957	146	85640	7.995	ng		100
13) 1,4-Dichlorobenzene	8.105	146	84835	7.828	ng		97
14) 1,2-Dichlorobenzene	8.428	146	80838	7.788	ng		98
15) Benzyl Alcohol	8.316	79	64723	6.643	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.593	45	91729	8.557	ng		97
17) 2-Methylphenol	8.510	107	58746	6.623	ng		99
18) Hexachloroethane	9.157	117	30745	7.552	ng		96
19) n-Nitroso-di-n-propyla...	8.881	70	55202	7.019	ng		97
20) 3+4-Methylphenols	8.840	107	76214	6.380	ng		96
22) Acetophenone	8.905	105	111766	7.596	ng	#	99
24) Nitrobenzene	9.287	77	93127	7.930	ng		98
25) Isophorone	9.810	82	137611	6.507	ng		98
26) 2-Nitrophenol	10.004	139	32386	6.340	ng		92
27) 2,4-Dimethylphenol	10.057	122	59918	7.214	ng		95
28) bis(2-Chloroethoxy)met...	10.293	93	90129	7.364	ng		98
29) 2,4-Dichlorophenol	10.540	162	60288	6.631	ng		98
30) 1,2,4-Trichlorobenzene	10.751	180	76619	7.423	ng		98
31) Naphthalene	10.946	128	217471	7.545	ng		99
32) Benzoic acid	10.140	122	17475m	5.097	ng		
33) 4-Chloroaniline	11.057	127	80060	6.479	ng		97
34) Hexachlorobutadiene	11.222	225	51922	6.919	ng		97
35) Caprolactam	11.834	113	14189	5.452	ng	#	88
36) 4-Chloro-3-methylphenol	12.169	107	64635	6.374	ng		98
37) 2-Methylnaphthalene	12.546	142	144825	6.810	ng		98
38) 1-Methylnaphthalene	12.757	142	134300	6.775	ng		98
40) 1,2,4,5-Tetrachloroben...	12.904	216	87822	7.562	ng		99
41) Hexachlorocyclopentadiene	12.881	237	48215	6.615	ng		92
43) 2,4,6-Trichlorophenol	13.145	196	48227	6.569	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	50680	5.958	ng		97
46) 1,1'-Biphenyl	13.545	154	190820	7.781	ng		97
47) 2-Chloronaphthalene	13.587	162	148025	7.840	ng		98
48) 2-Nitroaniline	13.792	65	36688	6.403	ng		95
49) Acenaphthylene	14.434	152	208584	6.947	ng		99
50) Dimethylphthalate	14.157	163	167620	6.668	ng		100
51) 2,6-Dinitrotoluene	14.281	165	32451	6.130	ng		90
52) Acenaphthene	14.769	154	131911	7.298	ng		98
53) 3-Nitroaniline	14.616	138	29007	5.591	ng		99
54) 2,4-Dinitrophenol	14.834	184	13642	6.420	ng		92
55) Dibenzofuran	15.104	168	215981	7.330	ng		99
56) 4-Nitrophenol	14.928	139	20202	4.782	ng		89
57) 2,4-Dinitrotoluene	15.069	165	40881	5.777	ng		97
58) Fluorene	15.757	166	168981	7.223	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.334	232	46460	6.260	ng		97
60) Diethylphthalate	15.516	149	160357	6.461	ng		98
61) 4-Chlorophenyl-phenyle...	15.745	204	89423	6.742	ng		95
62) 4-Nitroaniline	15.781	138	28048	5.430	ng		90
63) Azobenzene	16.039	77	160350	6.982	ng		96
65) 4,6-Dinitro-2-methylph...	15.834	198	21138	4.667	ng		86
66) n-Nitrosodiphenylamine	15.963	169	138424	7.164	ng		99
67) 4-Bromophenyl-phenylether	16.645	248	52511	6.493	ng		96
68) Hexachlorobenzene	16.763	284	62847	7.250	ng		98
69) Atrazine	16.910	200	47195	6.957	ng		98
70) Pentachlorophenol	17.110	266	30568	4.889	ng		96
71) Phenanthrene	17.504	178	251097	7.351	ng		100
72) Anthracene	17.598	178	240630	6.895	ng		99
73) Carbazole	17.869	167	207280	6.885	ng		98
74) Di-n-butylphthalate	18.398	149	222899	5.922	ng		99
75) Fluoranthene	19.457	202	270247	6.619	ng		98
77) Benzidine	19.639	184	122676	12.268	ng		98
78) Pyrene	19.810	202	286135	6.891	ng		100
80) Butylbenzylphthalate	20.669	149	85264	5.416	ng		99
81) Benzo(a)anthracene	21.521	228	274264	6.909	ng		100
82) 3,3'-Dichlorobenzidine	21.451	252	96834	7.624	ng		95
83) Chrysene	21.580	228	271787	7.230	ng		98
84) Bis(2-ethylhexyl)phtha...	21.422	149	126521	5.478	ng		97
85) Di-n-octyl phthalate	22.386	149	201738	5.381	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.733	276	316243	7.292	ng		97
88) Benzo(b)fluoranthene	23.292	252	267534	7.279	ng		98
89) Benzo(k)fluoranthene	23.345	252	256000	7.025	ng		98
90) Benzo(a)pyrene	23.963	252	223694	6.381	ng		98
91) Dibenzo(a,h)anthracene	26.756	278	267673	7.424	ng		98
92) Benzo(g,h,i)perylene	27.556	276	264147	7.393	ng		97

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

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