Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
Data File : BP014067.D
Acq On : 13 Mar 2023 17:17
Operator : CG/JU
Sample : 01627-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 14 04:20:10 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 :
LOQ-SOIL-02-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	8.075	152	153135	20.000	ng		0.00
21) Naphthalene-d8	10.898	136	528336	20.000	ng		0.00
39) Acenaphthene-d10	14.716	164	298433	20.000	ng		0.00
64) Phenanthrene-d10	17.469	188	588755	20.000	ng		# 0.00
76) Chrysene-d12	21.545	240	520580	20.000	ng		0.00
86) Perylene-d12	24.086	264	540502	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.616	112	891898	94.454	ng		0.00
7) Phenol-d6	7.228	99	1124934	90.739	ng		0.00
23) Nitrobenzene-d5	9.252	82	806270	69.749	ng		0.00
42) 2,4,6-Tribromophenol	16.204	330	397662	82.184	ng		0.00
45) 2-Fluorobiphenyl	13.340	172	1601166	69.511	ng		0.00
79) Terphenyl-d14	20.004	244	2047928	64.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.469	88	34230	8.344	ng		96
3) Pyridine	3.893	79	116884	10.260	ng		98
4) n-Nitrosodimethylamine	3.793	42	52784	10.438	ng	#	96
6) Aniline	7.399	93	175429	10.772	ng		99
8) 2-Chlorophenol	7.634	128	110067	10.883	ng		93
9) Benzaldehyde	7.210	77	75993	12.249	ng		99
10) Phenol	7.258	94	144115	11.169	ng		100
11) bis(2-Chloroethyl)ether	7.493	93	114126	11.171	ng		99
12) 1,3-Dichlorobenzene	7.963	146	128780	11.588	ng		99
13) 1,4-Dichlorobenzene	8.110	146	131113	11.662	ng		99
14) 1,2-Dichlorobenzene	8.434	146	123180	11.439	ng		100
15) Benzyl Alcohol	8.316	79	99739	9.868	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.610	45	137295	12.344	ng		97
17) 2-Methylphenol	8.516	107	90319	9.815	ng		98
18) Hexachloroethane	9.163	117	47544	11.257	ng		96
19) n-Nitroso-di-n-propyla...	8.887	70	85312	10.455	ng		98
20) 3+4-Methylphenols	8.846	107	116533	9.403	ng		99
22) Acetophenone	8.910	105	116543	7.864	ng	#	98
24) Nitrobenzene	9.293	77	137494	11.625	ng		95
25) Isophorone	9.816	82	210534	9.884	ng		99
26) 2-Nitrophenol	10.010	139	51115	9.935	ng		96
27) 2,4-Dimethylphenol	10.063	122	91709	10.963	ng		99
28) bis(2-Chloroethoxy)met...	10.299	93	137702	11.170	ng		97
29) 2,4-Dichlorophenol	10.546	162	93757	10.239	ng		97
30) 1,2,4-Trichlorobenzene	10.757	180	117202	11.274	ng		97
31) Naphthalene	10.951	128	326827	11.258	ng		99
32) Benzoic acid	10.151	122	36830m	7.715	ng		
33) 4-Chloroaniline	11.063	127	123769	9.945	ng		97
34) Hexachlorobutadiene	11.228	225	78868	10.435	ng		98
35) Caprolactam	11.840	113	19686m	7.511	ng		
36) 4-Chloro-3-methylphenol	12.175	107	100077	9.799	ng		96
37) 2-Methylnaphthalene	12.545	142	216065	10.088	ng		97
38) 1-Methylnaphthalene	12.769	142	201530	10.094	ng		100
40) 1,2,4,5-Tetrachloroben...	12.910	216	91563	8.049	ng		99
41) Hexachlorocyclopentadiene	12.887	237	78690	11.023	ng		97
43) 2,4,6-Trichlorophenol	13.151	196	73964	10.287	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	78357	9.404	ng		98
46) 1,1'-Biphenyl	13.551	154	199867	8.320	ng		96
47) 2-Chloronaphthalene	13.592	162	220396	11.918	ng		98
48) 2-Nitroaniline	13.798	65	54438	9.700	ng		96
49) Acenaphthylene	14.439	152	319911	10.878	ng		98
50) Dimethylphthalate	14.163	163	251035	10.196	ng		100
51) 2,6-Dinitrotoluene	14.287	165	49663	9.579	ng		90
52) Acenaphthene	14.781	154	196870	11.121	ng		100
53) 3-Nitroaniline	14.622	138	46711	9.193	ng		86
54) 2,4-Dinitrophenol	14.834	184	25346	9.418	ng		97
55) Dibenzofuran	15.110	168	319718	11.078	ng		98
56) 4-Nitrophenol	14.928	139	41565	10.046	ng		92
57) 2,4-Dinitrotoluene	15.075	165	61686	8.901	ng		97
58) Fluorene	15.763	166	246406	10.753	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.339	232	70837	9.745	ng		97
60) Diethylphthalate	15.522	149	236743	9.739	ng		99
61) 4-Chlorophenyl-phenyle...	15.751	204	132216	10.178	ng		99
62) 4-Nitroaniline	15.786	138	43904	8.678	ng		89
63) Azobenzene	16.045	77	243774	10.838	ng		95
65) 4,6-Dinitro-2-methylph...	15.839	198	40669	9.326	ng		96
66) n-Nitrosodiphenylamine	15.969	169	204374	10.985	ng		100
67) 4-Bromophenyl-phenylether	16.651	248	77774	9.987	ng		97
68) Hexachlorobenzene	16.769	284	91384	10.947	ng		99
69) Atrazine	16.916	200	48488	7.423	ng		97
70) Pentachlorophenol	17.116	266	55591	9.234	ng		96
71) Phenanthrene	17.510	178	375922	11.429	ng		99
72) Anthracene	17.604	178	358343	10.663	ng		100
73) Carbazole	17.869	167	311021	10.729	ng		99
74) Di-n-butylphthalate	18.404	149	344514	9.505	ng		100
75) Fluoranthene	19.463	202	397132	10.102	ng		97
77) Benzidine	19.645	184	116733	12.161	ng		99
78) Pyrene	19.816	202	418534	10.475	ng		100
80) Butylbenzylphthalate	20.674	149	133842	8.836	ng		100
81) Benzo(a)anthracene	21.533	228	402078	10.526	ng		97
82) 3,3'-Dichlorobenzidine	21.457	252	97339	7.964	ng	#	97
83) Chrysene	21.586	228	397233	10.982	ng		98
84) Bis(2-ethylhexyl)phtha...	21.427	149	196931	8.862	ng		99
85) Di-n-octyl phthalate	22.392	149	299593	8.305	ng		98
87) Indeno(1,2,3-cd)pyrene	26.745	276	472161	11.306	ng		97
88) Benzo(b)fluoranthene	23.304	252	382559	10.809	ng		98
89) Benzo(k)fluoranthene	23.351	252	383459m	10.928	ng		
90) Benzo(a)pyrene	23.968	252	330486	9.790	ng	#	98
91) Dibenzo(a,h)anthracene	26.768	278	388894	11.201	ng		98
92) Benzo(g,h,i)perylene	27.574	276	389473	11.319	ng		98

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

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