Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019521.D
Acq On : 02 Feb 2024 10:56
Operator : MA/JU
Sample : 04699-02
Misc : LOQ-SOIL-5PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 02 11:25:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	96685	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	403076	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	299429	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	717979	20.000	ng		0.00
76) Chrysene-d12	21.392	240	666910	20.000	ng		0.00
86) Perylene-d12	23.810	264	590541	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	612277	102.078	ng		0.00
7) Phenol-d6	7.081	99	844674	104.440	ng		0.00
23) Nitrobenzene-d5	9.081	82	803368	86.364	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	509779	116.604	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1941782	80.169	ng		0.00
79) Terphenyl-d14	19.869	244	3867661	95.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	11336	4.905	ng		98
3) Pyridine	3.793	79	27318	4.360	ng		98
4) n-Nitrosodimethylamine	3.711	42	12826	4.702	ng	#	97
6) Aniline	7.240	93	44049	5.605	ng		98
8) 2-Chlorophenol	7.475	128	27154	4.409	ng		98
9) Benzaldehyde	7.057	77	30765	5.426	ng		95
10) Phenol	7.104	94	38111	4.728	ng		94
11) bis(2-Chloroethyl)ether	7.346	93	29431	4.693	ng		95
12) 1,3-Dichlorobenzene	7.799	146	32690	4.338	ng		95
13) 1,4-Dichlorobenzene	7.946	146	33825	4.431	ng		99
14) 1,2-Dichlorobenzene	8.257	146	32157	4.354	ng		99
15) Benzyl Alcohol	8.157	79	32391	5.012	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	30151	4.808	ng		100
17) 2-Methylphenol	8.357	107	24697	4.551	ng		98
18) Hexachloroethane	8.981	117	12503	4.225	ng		92
19) n-Nitroso-di-n-propyla...	8.728	70	27363	4.953	ng	#	97
20) 3+4-Methylphenols	8.687	107	34235	4.622	ng		92
22) Acetophenone	8.740	105	53088	4.623	ng	#	96
24) Nitrobenzene	9.122	77	42541	4.542	ng		99
25) Isophorone	9.646	82	77679	4.795	ng		99
26) 2-Nitrophenol	9.828	139	14723	4.123	ng		93
27) 2,4-Dimethylphenol	9.887	122	24653	5.399	ng		96
28) bis(2-Chloroethoxy)met...	10.140	93	42824	4.672	ng		97
29) 2,4-Dichlorophenol	10.357	162	29847	4.324	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	36360	4.296	ng		99
31) Naphthalene	10.763	128	96021	4.343	ng		98
32) Benzoic acid	9.957	122	16459m	3.699	ng		
33) 4-Chloroaniline	10.881	127	40963	5.010	ng		98
34) Hexachlorobutadiene	11.040	225	25605	4.082	ng		97
35) Caprolactam	11.651	113	10940	5.598	ng		97
36) 4-Chloro-3-methylphenol	11.992	107	35966	4.778	ng		94
37) 2-Methylnaphthalene	12.369	142	70682	4.620	ng		98
38) 1-Methylnaphthalene	12.587	142	69563	4.627	ng		95
40) 1,2,4,5-Tetrachloroben...	12.734	216	46885	4.060	ng		99
41) Hexachlorocyclopentadiene	12.704	237	22453	4.304	ng		99
43) 2,4,6-Trichlorophenol	12.981	196	27514	3.935	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	30818	4.014	ng	97
46) 1,1'-Biphenyl	13.387	154	101929	4.265	ng	99
47) 2-Chloronaphthalene	13.422	162	80056	4.081	ng	99
48) 2-Nitroaniline	13.634	65	22320	4.069	ng	97
49) Acenaphthylene	14.269	152	128388	4.665	ng	98
50) Dimethylphthalate	14.010	163	107153	4.675	ng	98
51) 2,6-Dinitrotoluene	14.134	165	21084	4.187	ng	97
52) Acenaphthene	14.610	154	74117	4.339	ng	98
53) 3-Nitroaniline	14.457	138	21592	4.665	ng	98
54) 2,4-Dinitrophenol	14.669	184	9204	3.520	ng	91
55) Dibenzofuran	14.945	168	128963	4.635	ng	99
56) 4-Nitrophenol	14.757	139	15951	4.205	ng	95
57) 2,4-Dinitrotoluene	14.916	165	27870	4.223	ng	97
58) Fluorene	15.592	166	104209	4.703	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	28683	4.441	ng	98
60) Diethylphthalate	15.381	149	107637	4.721	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	56578	4.543	ng	94
62) 4-Nitroaniline	15.616	138	22667	4.672	ng	97
63) Azobenzene	15.886	77	101645	4.610	ng	99
65) 4,6-Dinitro-2-methylph...	15.675	198	13456	3.287	ng	93
66) n-Nitrosodiphenylamine	15.810	169	90226	4.196	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	36238	4.037	ng	98
68) Hexachlorobenzene	16.592	284	43360	4.137	ng	94
69) Atrazine	16.769	200	38865	5.447	ng	93
70) Pentachlorophenol	16.939	266	22068	3.381	ng	94
71) Phenanthrene	17.339	178	173236	4.585	ng	99
72) Anthracene	17.433	178	172794	4.584	ng	99
73) Carbazole	17.710	167	153010	4.469	ng	100
74) Di-n-butylphthalate	18.275	149	181712	4.389	ng	100
75) Fluoranthene	19.310	202	210330	4.557	ng	99
77) Benzidine	19.498	184	82061	5.886	ng	98
78) Pyrene	19.657	202	217323	4.617	ng	100
80) Butylbenzylphthalate	20.551	149	73050	4.156	ng	99
81) Benzo(a)anthracene	21.374	228	208569	4.443	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	70930	4.146	ng	99
83) Chrysene	21.427	228	188666	4.233	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	108795	4.065	ng	99
85) Di-n-octyl phthalate	22.268	149	157744	3.350	ng	100
87) Indeno(1,2,3-cd)pyrene	26.327	276	161715	3.577	ng	98
88) Benzo(b)fluoranthene	23.068	252	164044	4.408	ng	100
89) Benzo(k)fluoranthene	23.115	252	157426m	4.428	ng	
90) Benzo(a)pyrene	23.698	252	134983	4.076	ng	98
91) Dibenzo(a,h)anthracene	26.356	278	136812	3.680	ng	99
92) Benzo(g,h,i)perylene	27.103	276	130017	3.447	ng	100

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

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