Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019522.D
Acq On : 02 Feb 2024 11:30
Operator : MA/JU
Sample : 04699-02
Misc : LOQ-SOIL-5PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 12:07:50 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	7.916	152	74371	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	296505	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	188968	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	373506	20.000	ng		0.00
76) Chrysene-d12	21.386	240	362490	20.000	ng		0.00
86) Perylene-d12	23.804	264	466190	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	534754	115.903	ng		0.00
7) Phenol-d6	7.081	99	712197	114.481	ng		0.00
23) Nitrobenzene-d5	9.081	82	654338	95.625	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	310658	112.595	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1469480	96.133	ng		0.00
79) Terphenyl-d14	19.869	244	2033157	92.240	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	12059	6.784	ng		96
3) Pyridine	3.793	79	27487	5.703	ng		98
4) n-Nitrosodimethylamine	3.711	42	12572	5.992	ng	#	98
6) Aniline	7.246	93	43769	7.241	ng		98
8) 2-Chlorophenol	7.475	128	28379	5.991	ng		98
9) Benzaldehyde	7.058	77	30727	7.045	ng		95
10) Phenol	7.105	94	38668	6.236	ng		96
11) bis(2-Chloroethyl)ether	7.352	93	30412	6.304	ng		99
12) 1,3-Dichlorobenzene	7.799	146	34661	5.980	ng		99
13) 1,4-Dichlorobenzene	7.946	146	35154	5.986	ng		98
14) 1,2-Dichlorobenzene	8.263	146	33933	5.972	ng		100
15) Benzyl Alcohol	8.158	79	30489	6.134	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.458	45	30499	6.323	ng		96
17) 2-Methylphenol	8.358	107	25517	6.113	ng		96
18) Hexachloroethane	8.987	117	13123	5.765	ng		98
19) n-Nitroso-di-n-propyla...	8.728	70	27262	6.416	ng		95
20) 3+4-Methylphenols	8.687	107	34554	6.065	ng		96
22) Acetophenone	8.746	105	51446	6.090	ng	#	97
24) Nitrobenzene	9.122	77	42139	6.116	ng		100
25) Isophorone	9.646	82	69533	5.835	ng		98
26) 2-Nitrophenol	9.834	139	14285	5.438	ng	#	88
27) 2,4-Dimethylphenol	9.893	122	23828	7.094	ng		95
28) bis(2-Chloroethoxy)met...	10.140	93	41619	6.173	ng		99
29) 2,4-Dichlorophenol	10.357	162	29221	5.755	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	36651	5.887	ng		97
31) Naphthalene	10.763	128	96537	5.936	ng		97
32) Benzoic acid	9.952	122	14532m	4.440	ng		
33) 4-Chloroaniline	10.881	127	38693	6.434	ng		98
34) Hexachlorobutadiene	11.040	225	24986	5.416	ng		92
35) Caprolactam	11.646	113	7203	5.011	ng		90
36) 4-Chloro-3-methylphenol	11.999	107	30957	5.591	ng		95
37) 2-Methylnaphthalene	12.369	142	64529	5.734	ng		96
38) 1-Methylnaphthalene	12.587	142	65025	5.880	ng		97
40) 1,2,4,5-Tetrachloroben...	12.734	216	44819	6.150	ng		99
41) Hexachlorocyclopentadiene	12.710	237	24339	7.393	ng		90
43) 2,4,6-Trichlorophenol	12.975	196	24609	5.577	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.046	196	26602	5.490	ng		95
46)	1,1'-Biphenyl	13.381	154	94849	6.289	ng		97
47)	2-Chloronaphthalene	13.422	162	72944	5.892	ng		97
48)	2-Nitroaniline	13.634	65	17705	5.114	ng		90
49)	Acenaphthylene	14.263	152	110668	6.371	ng		98
50)	Dimethylphthalate	14.010	163	85569	5.915	ng		97
51)	2,6-Dinitrotoluene	14.134	165	15851	4.987	ng		95
52)	Acenaphthene	14.610	154	62813	5.827	ng		97
53)	3-Nitroaniline	14.457	138	16317	5.586	ng	#	95
54)	2,4-Dinitrophenol	14.663	184	7037	4.264	ng		91
55)	Dibenzofuran	14.945	168	106711	6.078	ng		97
56)	4-Nitrophenol	14.763	139	10830	4.524	ng		87
57)	2,4-Dinitrotoluene	14.916	165	19900	4.778	ng	#	99
58)	Fluorene	15.592	166	82133	5.873	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.169	232	22678	5.564	ng		98
60)	Diethylphthalate	15.381	149	81805	5.685	ng		98
61)	4-Chlorophenyl-phenyle...	15.592	204	46998	5.979	ng		99
62)	4-Nitroaniline	15.616	138	14678	4.794	ng		94
63)	Azobenzene	15.887	77	78346	5.631	ng		99
65)	4,6-Dinitro-2-methylph...	15.675	198	9727	4.567	ng		92
66)	n-Nitrosodiphenylamine	15.810	169	68212	6.098	ng		98
67)	4-Bromophenyl-phenylether	16.492	248	27467	5.882	ng		95
68)	Hexachlorobenzene	16.587	284	31844	5.840	ng		97
69)	Atrazine	16.769	200	24633	6.636	ng		96
70)	Pentachlorophenol	16.939	266	15641	4.606	ng		95
71)	Phenanthrene	17.339	178	123932	6.305	ng		97
72)	Anthracene	17.434	178	120132	6.127	ng		100
73)	Carbazole	17.710	167	102206	5.738	ng		98
74)	Di-n-butylphthalate	18.275	149	113259	5.258	ng		100
75)	Fluoranthene	19.310	202	134419	5.598	ng		100
77)	Benzidine	19.498	184	62858	8.294	ng		99
78)	Pyrene	19.657	202	141266	5.522	ng		100
80)	Butylbenzylphthalate	20.557	149	47123	4.932	ng		95
81)	Benzo(a)anthracene	21.375	228	153029	5.997	ng		100
82)	3,3'-Dichlorobenzidine	21.310	252	58285	6.268	ng		98
83)	Chrysene	21.427	228	141672	5.848	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.322	149	78533	5.398	ng		100
85)	Di-n-octyl phthalate	22.269	149	138233	5.401	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.333	276	205949	5.771	ng		99
88)	Benzo(b)fluoranthene	23.069	252	165577	5.635	ng		98
89)	Benzo(k)fluoranthene	23.116	252	160613	5.723	ng		99
90)	Benzo(a)pyrene	23.698	252	147606	5.646	ng		99
91)	Dibenzo(a,h)anthracene	26.362	278	170953	5.825	ng		99
92)	Benzo(g,h,i)perylene	27.098	276	167230	5.616	ng	#	96

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

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