Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019547.D
Acq On : 03 Feb 2024 02:23
Operator : MA/JU
Sample : P1187-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 03 03:21:43 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 :
LOD-MDL-SOIL-01-QT1-2024

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	49442	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	190080	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	112878	20.000	ng		-0.01
64) Phenanthrene-d10	17.292	188	232016	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	260299	20.000	ng		0.00
86) Perylene-d12	23.804	264	333906	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	627651	204.629	ng		0.00
7) Phenol-d6	7.081	99	814427	196.921	ng		0.00
23) Nitrobenzene-d5	9.075	82	514427	117.271	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	340977	206.891	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1120723	122.740	ng		0.00
79) Terphenyl-d14	19.863	244	1716954	108.475	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	15142	12.813	ng		97
3) Pyridine	3.787	79	34650	10.815	ng		93
4) n-Nitrosodimethylamine	3.711	42	15436	11.066	ng	#	98
6) Aniline	7.240	93	55392	13.784	ng		97
8) 2-Chlorophenol	7.469	128	35900	11.400	ng		97
9) Benzaldehyde	7.058	77	38401	13.243	ng		92
10) Phenol	7.105	94	47210	11.453	ng		91
11) bis(2-Chloroethyl)ether	7.346	93	38184	11.907	ng		97
12) 1,3-Dichlorobenzene	7.799	146	45147	11.716	ng		98
13) 1,4-Dichlorobenzene	7.946	146	45833	11.740	ng		98
14) 1,2-Dichlorobenzene	8.258	146	43398	11.489	ng		98
15) Benzyl Alcohol	8.158	79	38622	11.688	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	38335m	11.954	ng		
17) 2-Methylphenol	8.352	107	31532	11.362	ng		99
18) Hexachloroethane	8.981	117	17341	11.460	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	31435	11.128	ng	#	96
20) 3+4-Methylphenols	8.681	107	42289	11.166	ng		97
22) Acetophenone	8.740	105	61998	11.449	ng	#	98
24) Nitrobenzene	9.122	77	50996	11.546	ng		99
25) Isophorone	9.640	82	81964	10.729	ng		99
26) 2-Nitrophenol	9.828	139	17169	10.195	ng		98
27) 2,4-Dimethylphenol	9.887	122	27839	12.928	ng		94
28) bis(2-Chloroethoxy)met...	10.134	93	48511	11.223	ng		95
29) 2,4-Dichlorophenol	10.357	162	35426	10.883	ng		97
30) 1,2,4-Trichlorobenzene	10.575	180	44853	11.238	ng		92
31) Naphthalene	10.757	128	116086	11.135	ng		99
32) Benzoic acid	9.952	122	17005m	8.105	ng		
33) 4-Chloroaniline	10.881	127	45818	11.884	ng		98
34) Hexachlorobutadiene	11.034	225	32833	11.101	ng		94
35) Caprolactam	11.651	113	8964	9.727	ng		92
36) 4-Chloro-3-methylphenol	11.993	107	36067	10.161	ng		98
37) 2-Methylnaphthalene	12.369	142	78192	10.838	ng		99
38) 1-Methylnaphthalene	12.587	142	78309	11.045	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	53949	12.393	ng		99
41) Hexachlorocyclopentadiene	12.704	237	30650	15.585	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	29508	11.194	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.040	196	31911	11.024	ng		95
46)	1,1'-Biphenyl	13.381	154	108131	12.002	ng		98
47)	2-Chloronaphthalene	13.422	162	87021	11.767	ng		95
48)	2-Nitroaniline	13.628	65	21370	10.334	ng		94
49)	Acenaphthylene	14.263	152	127945	12.331	ng		99
50)	Dimethylphthalate	14.010	163	97003	11.226	ng		100
51)	2,6-Dinitrotoluene	14.134	165	19203	10.115	ng		90
52)	Acenaphthene	14.604	154	73882	11.473	ng		98
53)	3-Nitroaniline	14.457	138	18742	10.742	ng	#	98
54)	2,4-Dinitrophenol	14.663	184	8769	8.896	ng		96
55)	Dibenzofuran	14.940	168	123242	11.750	ng		96
56)	4-Nitrophenol	14.751	139	14350	10.035	ng		92
57)	2,4-Dinitrotoluene	14.910	165	24442	9.824	ng		95
58)	Fluorene	15.592	166	94559	11.319	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.163	232	26138	10.736	ng		97
60)	Diethylphthalate	15.375	149	91066	10.595	ng		96
61)	4-Chlorophenyl-phenyle...	15.592	204	53721	11.442	ng		97
62)	4-Nitroaniline	15.616	138	18522	10.128	ng		96
63)	Azobenzene	15.887	77	88677	10.669	ng		99
65)	4,6-Dinitro-2-methylph...	15.675	198	12376	9.355	ng		88
66)	n-Nitrosodiphenylamine	15.810	169	79078	11.380	ng		97
67)	4-Bromophenyl-phenylether	16.492	248	31655	10.914	ng		97
68)	Hexachlorobenzene	16.587	284	37907	11.192	ng		94
69)	Atrazine	16.769	200	30042	13.029	ng		93
70)	Pentachlorophenol	16.939	266	19787	9.381	ng		93
71)	Phenanthrene	17.339	178	145704	11.933	ng		99
72)	Anthracene	17.428	178	143044	11.744	ng		99
73)	Carbazole	17.704	167	125544	11.346	ng		99
74)	Di-n-butylphthalate	18.269	149	142135	10.624	ng		99
75)	Fluoranthene	19.304	202	173792	11.651	ng		98
77)	Benzidine	19.492	184	100697	18.504	ng		99
78)	Pyrene	19.657	202	183502	9.989	ng		99
80)	Butylbenzylphthalate	20.551	149	64496	9.401	ng		96
81)	Benzo(a)anthracene	21.369	228	211637	11.550	ng		100
82)	3,3'-Dichlorobenzidine	21.310	252	80886	12.114	ng		100
83)	Chrysene	21.422	228	197149	11.333	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.322	149	104210	9.975	ng		97
85)	Di-n-octyl phthalate	22.263	149	183737	9.996	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.321	276	282865	11.067	ng		99
88)	Benzo(b)fluoranthene	23.063	252	237933	11.306	ng		99
89)	Benzo(k)fluoranthene	23.116	252	211863	10.539	ng		99
90)	Benzo(a)pyrene	23.692	252	203825	10.885	ng		99
91)	Dibenzo(a,h)anthracene	26.345	278	233038	11.086	ng		99
92)	Benzo(g,h,i)perylene	27.092	276	225767	10.586	ng		98

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

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