Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063158.D
Acq On : 4 Nov 2024 16:55
Operator : RC/JU
Sample : P4368-01
Misc : LOD-MDL-SOIL-4 PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 04 17:34:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	91670	20.000	ng		0.00
21) Naphthalene-d8	10.632	136	351543	20.000	ng		0.00
39) Acenaphthene-d10	14.475	164	278217	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	675618	20.000	ng		0.00
76) Chrysene-d12	21.473	240	854130	20.000	ng		-0.01
86) Perylene-d12	24.504	264	948511	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.433	112	733826	124.129	ng		0.00
7) Phenol-d6	7.013	99	1003569	129.543	ng		-0.01
23) Nitrobenzene-d5	8.993	82	774063	95.767	ng		-0.01
42) 2,4,6-Tribromophenol	15.967	330	616089	130.364	ng		0.00
45) 2-Fluorobiphenyl	13.094	172	1713087	91.198	ng		0.00
79) Terphenyl-d14	19.857	244	3472236	83.656	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	12548	5.402	ng		91
3) Pyridine	3.746	79	25098	4.476	ng		97
4) n-Nitrosodimethylamine	3.664	42	15292	4.390	ng	#	89
6) Aniline	7.172	93	37445	5.375	ng	#	86
8) 2-Chlorophenol	7.407	128	25756	4.691	ng		89
9) Benzaldehyde	6.990	77	30161	6.265	ng		91
10) Phenol	7.037	94	35724	4.304	ng		85
11) bis(2-Chloroethyl)ether	7.266	93	25014	4.469	ng		91
12) 1,3-Dichlorobenzene	7.730	146	28710	4.310	ng		97
13) 1,4-Dichlorobenzene	7.877	146	29045	4.277	ng		96
14) 1,2-Dichlorobenzene	8.194	146	28450	4.347	ng		91
15) Benzyl Alcohol	8.076	79	26469	4.252	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.359	45	47658	4.694	ng		96
17) 2-Methylphenol	8.288	107	21083	3.993	ng	#	86
18) Hexachloroethane	8.923	117	8924	3.672	ng	#	80
19) n-Nitroso-di-n-propyla...	8.641	70	25301	4.690	ng	#	92
20) 3+4-Methylphenols	8.611	107	31622	4.491	ng		89
22) Acetophenone	8.658	105	44580	4.732	ng	#	89
24) Nitrobenzene	9.034	77	37559	4.297	ng	#	95
25) Isophorone	9.557	82	62322	4.458	ng	#	92
26) 2-Nitrophenol	9.751	139	13245	4.121	ng		91
27) 2,4-Dimethylphenol	9.810	122	17723	4.485	ng		96
28) bis(2-Chloroethoxy)met...	10.039	93	33673	4.593	ng		97
29) 2,4-Dichlorophenol	10.280	162	25605	4.290	ng	#	78
30) 1,2,4-Trichlorobenzene	10.491	180	31488	4.289	ng	#	79
31) Naphthalene	10.679	128	83486	4.502	ng	#	94
33) 4-Chloroaniline	10.791	127	29030	4.639	ng		95
34) Hexachlorobutadiene	10.967	225	26430	4.375	ng		96
35) Caprolactam	11.525	113	8248	4.327	ng	#	83
36) 4-Chloro-3-methylphenol	11.919	107	27736	4.034	ng	#	95
37) 2-Methylnaphthalene	12.295	142	57705	4.387	ng		95
38) 1-Methylnaphthalene	12.512	142	54143	4.181	ng	#	94
40) 1,2,4,5-Tetrachloroben...	12.665	216	45394	4.541	ng		96
41) Hexachlorocyclopentadiene	12.642	237	10602	3.264	ng		82
43) 2,4,6-Trichlorophenol	12.906	196	22358	3.735	ng		92
44) 2,4,5-Trichlorophenol	12.983	196	26949	4.095	ng	#	80

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.306	154	85781	4.543	ng		99
47) 2-Chloronaphthalene	13.347	162	68465	4.329	ng		93
48) 2-Nitroaniline	13.547	65	21268	3.832	ng	#	83
49) Acenaphthylene	14.199	152	103084	4.617	ng		96
50) Dimethylphthalate	13.928	163	87481	4.412	ng		97
51) 2,6-Dinitrotoluene	14.052	165	15505	3.662	ng		84
52) Acenaphthene	14.540	154	59765	4.324	ng		94
53) 3-Nitroaniline	14.381	138	16625	4.136	ng		99
55) Dibenzofuran	14.874	168	107511	4.411	ng		98
56) 4-Nitrophenol	14.710	139	11600m	3.812	ng		
57) 2,4-Dinitrotoluene	14.845	165	24468	4.041	ng	#	84
58) Fluorene	15.527	166	83955	4.347	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.109	232	22691	3.593	ng	#	96
60) Diethylphthalate	15.297	149	85629	4.206	ng		94
61) 4-Chlorophenyl-phenyle...	15.521	204	51606	4.299	ng		95
62) 4-Nitroaniline	15.538	138	17258	3.892	ng	#	80
63) Azobenzene	15.809	77	88617	4.208	ng		94
65) 4,6-Dinitro-2-methylph...	15.609	198	11580	2.666	ng		87
66) n-Nitrosodiphenylamine	15.732	169	81445	4.832	ng		92
67) 4-Bromophenyl-phenylether	16.420	248	37093	4.480	ng	#	79
68) Hexachlorobenzene	16.537	284	42787	4.461	ng	#	91
69) Atrazine	16.684	200	34996	4.517	ng		96
71) Phenanthrene	17.266	178	144311	4.406	ng		96
72) Anthracene	17.360	178	154049	4.792	ng		97
73) Carbazole	17.630	167	136818	4.521	ng		99
74) Di-n-butylphthalate	18.194	149	156492	4.555	ng		98
75) Fluoranthene	19.287	202	202409	4.366	ng		97
77) Benzidine	19.469	184	101820	7.737	ng		95
78) Pyrene	19.651	202	221285	4.370	ng		98
80) Butylbenzylphthalate	20.544	149	70357	4.313	ng		89
81) Benzo(a)anthracene	21.455	228	239354	4.450	ng		97
82) 3,3'-Dichlorobenzidine	21.379	252	86716	4.348	ng		94
83) Chrysene	21.520	228	218682	4.328	ng		95
84) Bis(2-ethylhexyl)phtha...	21.373	149	98032	4.142	ng		98
85) Di-n-octyl phthalate	22.518	149	160302	4.049	ng		99
87) Indeno(1,2,3-cd)pyrene	27.918	276	275883	4.334	ng	#	97
88) Benzo(b)fluoranthene	23.547	252	224362	4.057	ng	#	94
89) Benzo(k)fluoranthene	23.605	252	231667	4.391	ng		97
90) Benzo(a)pyrene	24.363	252	215573	4.466	ng		97
91) Dibenzo(a,h)anthracene	27.971	278	221021	4.159	ng		94
92) Benzo(g,h,i)perylene	28.981	276	203313	3.871	ng		96

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

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