Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060485.D
Acq On : 30 Jan 2024 15:54
Operator : MA/JU
Sample : P1270-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 30 16:27:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.920	152	159205	20.000	ng		-0.01
21) Naphthalene-d8	10.722	136	635794	20.000	ng		0.00
39) Acenaphthene-d10	14.559	164	488305	20.000	ng		0.00
64) Phenanthrene-d10	17.309	188	1274004	20.000	ng		0.00
76) Chrysene-d12	21.574	240	1209178	20.000	ng		0.00
86) Perylene-d12	24.735	264	1389701	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1064957	110.023	ng		0.00
7) Phenol-d6	7.091	99	1467371	102.378	ng		0.00
23) Nitrobenzene-d5	9.083	82	924502	68.662	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	859733	119.667	ng		0.00
45) 2-Fluorobiphenyl	13.184	172	2424739	69.038	ng		0.00
79) Terphenyl-d14	19.929	244	3947955	80.848	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	150596	34.060	ng	#	94
3) Pyridine	3.789	79	404025	32.387	ng		90
4) n-Nitrosodimethylamine	3.707	42	159219	40.781	ng	#	93
6) Aniline	7.250	93	304531	21.257	ng		97
8) 2-Chlorophenol	7.485	128	418276	43.603	ng		94
9) Benzaldehyde	7.056	77	191653m	23.295	ng		
10) Phenol	7.121	94	615674	42.843	ng		97
11) bis(2-Chloroethyl)ether	7.344	93	420329	35.895	ng		97
12) 1,3-Dichlorobenzene	7.808	146	498467	41.399	ng		99
13) 1,4-Dichlorobenzene	7.955	146	500825	40.995	ng		98
14) 1,2-Dichlorobenzene	8.272	146	487882	38.838	ng		99
15) Benzyl Alcohol	8.161	79	420520	45.325	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.437	45	595406m	41.892	ng		
17) 2-Methylphenol	8.366	107	404695	41.001	ng		100
18) Hexachloroethane	9.001	117	172090	40.177	ng		93
19) n-Nitroso-di-n-propyla...	8.725	70	382667	38.576	ng		97
20) 3+4-Methylphenols	8.695	107	585013	43.959	ng		97
22) Acetophenone	8.742	105	742996	42.513	ng	#	99
24) Nitrobenzene	9.124	77	545299	39.067	ng		97
25) Isophorone	9.647	82	1049635	38.818	ng		96
26) 2-Nitrophenol	9.835	139	254637	49.617	ng	#	95
27) 2,4-Dimethylphenol	9.894	122	371191	54.738	ng		98
28) bis(2-Chloroethoxy)met...	10.129	93	651918	39.459	ng		99
29) 2,4-Dichlorophenol	10.376	162	522252	47.525	ng		95
30) 1,2,4-Trichlorobenzene	10.587	180	573641	41.959	ng		95
31) Naphthalene	10.775	128	1414056	42.429	ng		99
32) Benzoic acid	10.047	122	270475	45.767	ng		90
33) 4-Chloroaniline	10.887	127	180080	14.023	ng		97
34) Hexachlorobutadiene	11.057	225	378318	42.479	ng		99
35) Caprolactam	11.656	113	157398m	44.470	ng		
36) 4-Chloro-3-methylphenol	12.015	107	527574	47.258	ng		94
37) 2-Methylnaphthalene	12.385	142	1076409	43.548	ng		99
38) 1-Methylnaphthalene	12.602	142	1013699	40.841	ng		96
40) 1,2,4,5-Tetrachloroben...	12.749	216	772606	44.550	ng		99
41) Hexachlorocyclopentadiene	12.732	237	750969	130.427	ng		98
43) 2,4,6-Trichlorophenol	12.996	196	505727	45.823	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.067	196	547981	45.016	ng		99
46) 1,1'-Biphenyl	13.396	154	1543403	41.873	ng		96
47) 2-Chloronaphthalene	13.437	162	1278475	40.488	ng		99
48) 2-Nitroaniline	13.642	65	358613	45.603	ng		98
49) Acenaphthylene	14.283	152	2041453	46.948	ng		99
50) Dimethylphthalate	14.018	163	1573355	42.164	ng		97
51) 2,6-Dinitrotoluene	14.136	165	356085	44.721	ng		95
52) Acenaphthene	14.624	154	1161454	42.896	ng		99
53) 3-Nitroaniline	14.471	138	198815	27.403	ng		91
54) 2,4-Dinitrophenol	14.676	184	456802	93.052	ng		97
55) Dibenzofuran	14.958	168	1988955	44.004	ng		98
56) 4-Nitrophenol	14.788	139	586356	108.957	ng		93
57) 2,4-Dinitrotoluene	14.929	165	507552	46.485	ng		93
58) Fluorene	15.611	166	1591856	42.528	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.188	232	531116	51.380	ng		98
60) Diethylphthalate	15.376	149	1522873	42.510	ng		96
61) 4-Chlorophenyl-phenyle...	15.599	204	883856	42.865	ng		97
62) 4-Nitroaniline	15.640	138	348339	45.111	ng		95
63) Azobenzene	15.893	77	1508468	41.632	ng		98
65) 4,6-Dinitro-2-methylph...	15.693	198	343548	48.744	ng		91
66) n-Nitrosodiphenylamine	15.816	169	1455202	43.018	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	611145	43.657	ng		99
68) Hexachlorobenzene	16.615	284	701983	42.363	ng		98
69) Atrazine	16.768	200	617182	48.385	ng		100
70) Pentachlorophenol	16.962	266	881637	98.707	ng		94
71) Phenanthrene	17.356	178	2780723	45.157	ng		96
72) Anthracene	17.444	178	2834439	46.103	ng		96
73) Carbazole	17.714	167	2518346	43.449	ng		97
74) Di-n-butylphthalate	18.272	149	2765538	46.372	ng		97
75) Fluoranthene	19.371	202	3310746	44.762	ng		93
77) Benzidine	19.559	184	1175619	44.752	ng		98
78) Pyrene	19.735	202	3449102	44.667	ng		91
80) Butylbenzylphthalate	20.617	149	1268154	47.736	ng		95
81) Benzo(a)anthracene	21.557	228	3476638	46.444	ng		96
82) 3,3'-Dichlorobenzidine	21.474	252	604874	21.099	ng		99
83) Chrysene	21.621	228	3321175	45.111	ng		96
84) Bis(2-ethylhexyl)phtha...	21.457	149	1855893	46.231	ng		100
85) Di-n-octyl phthalate	22.644	149	3183639	48.938	ng		99
87) Indeno(1,2,3-cd)pyrene	28.349	276	4332159	44.834	ng	#	95
88) Benzo(b)fluoranthene	23.736	252	3634805	44.274	ng		96
89) Benzo(k)fluoranthene	23.801	252	3515004	43.387	ng		96
90) Benzo(a)pyrene	24.588	252	3349458	45.163	ng		99
91) Dibenzo(a,h)anthracene	28.407	278	3431348	43.483	ng		98
92) Benzo(g,h,i)perylene	29.477	276	3429331	42.401	ng		100

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

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