Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062665.D
Acq On : 5 Sep 2024 13:49
Operator : MA/JU
Sample : P2403-03
Misc : MDL-SOIL-4 ng
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 05 14:53:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
09/06/2024
Supervised By :mohammad ahmed
09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.926	152	54814	20.000	ng		0.00
21) Naphthalene-d8	10.717	136	212695	20.000	ng		0.00
39) Acenaphthene-d10	14.548	164	171698	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	495110	20.000	ng		0.00
76) Chrysene-d12	21.534	240	597365	20.000	ng		0.00
86) Perylene-d12	24.607	264	672658	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.500	112	369932	116.657	ng		0.00
7) Phenol-d6	7.086	99	495186	108.093	ng		0.00
23) Nitrobenzene-d5	9.078	82	328734	83.238	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	331428	137.162	ng		0.00
45) 2-Fluorobiphenyl	13.167	172	857413	80.888	ng		0.00
79) Terphenyl-d14	19.906	244	2075274	68.885	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	6304	4.772	ng		89
3) Pyridine	3.813	79	13701	3.600	ng		91
4) n-Nitrosodimethylamine	3.719	42	6940	3.750	ng	#	77
6) Aniline	7.245	93	17448	4.077	ng		98
8) 2-Chlorophenol	7.485	128	12406	3.644	ng		85
9) Benzaldehyde	7.062	77	13091	4.913	ng		98
10) Phenol	7.109	94	16955	3.656	ng		91
11) bis(2-Chloroethyl)ether	7.344	93	12878	3.627	ng		93
12) 1,3-Dichlorobenzene	7.814	146	14157	3.789	ng		97
13) 1,4-Dichlorobenzene	7.955	146	14891	3.873	ng		94
14) 1,2-Dichlorobenzene	8.273	146	13786	3.648	ng		89
15) Benzyl Alcohol	8.155	79	11018	3.251	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.437	45	22803	3.370	ng		97
17) 2-Methylphenol	8.367	107	10373	3.209	ng		95
18) Hexachloroethane	8.995	117	4943	3.429	ng		87
19) n-Nitroso-di-n-propyla...	8.713	70	10937	3.030	ng		95
20) 3+4-Methylphenols	8.690	107	13932	2.921	ng		89
22) Acetophenone	8.737	105	20816	3.628	ng	#	95
24) Nitrobenzene	9.119	77	16826	4.007	ng		92
25) Isophorone	9.636	82	29181	3.366	ng		97
26) 2-Nitrophenol	9.824	139	5506	3.470	ng		89
27) 2,4-Dimethylphenol	9.888	122	7882	3.390	ng	#	79
28) bis(2-Chloroethoxy)met...	10.124	93	16744	3.608	ng		93
29) 2,4-Dichlorophenol	10.364	162	11025	3.392	ng		94
30) 1,2,4-Trichlorobenzene	10.582	180	15915	4.130	ng		97
31) Naphthalene	10.764	128	41037	3.893	ng		96
33) 4-Chloroaniline	10.876	127	15867	3.825	ng		92
34) Hexachlorobutadiene	11.052	225	10245	3.807	ng		94
35) Caprolactam	11.604	113	4415	3.523	ng	#	85
36) 4-Chloro-3-methylphenol	11.992	107	13471	3.436	ng		94
37) 2-Methylnaphthalene	12.374	142	30328	3.709	ng		94
38) 1-Methylnaphthalene	12.591	142	29503m	3.593	ng		
40) 1,2,4,5-Tetrachloroben...	12.744	216	21249	4.115	ng	#	98
41) Hexachlorocyclopentadiene	12.726	237	5370	3.645	ng		92
43) 2,4,6-Trichlorophenol	12.985	196	11409	3.485	ng		97
44) 2,4,5-Trichlorophenol	13.049	196	12843	3.465	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.379	154	46303	4.042	ng		100
47) 2-Chloronaphthalene	13.420	162	36016	3.880	ng		100
48) 2-Nitroaniline	13.625	65	9316	3.815	ng		95
49) Acenaphthylene	14.266	152	55450	4.033	ng		99
50) Dimethylphthalate	13.995	163	47920	3.817	ng	#	96
51) 2,6-Dinitrotoluene	14.119	165	7591	3.197	ng		94
52) Acenaphthene	14.612	154	31767	3.696	ng		98
53) 3-Nitroaniline	14.442	138	8933	3.888	ng		99
55) Dibenzofuran	14.941	168	59276	4.022	ng		99
56) 4-Nitrophenol	14.759	139	6873m	3.529	ng		
57) 2,4-Dinitrotoluene	14.906	165	11973	3.695	ng	#	87
58) Fluorene	15.594	166	45481	3.932	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.171	232	14204	4.045	ng	#	94
60) Diethylphthalate	15.364	149	48101	3.865	ng		95
61) 4-Chlorophenyl-phenyle...	15.588	204	27135	4.086	ng		96
62) 4-Nitroaniline	15.605	138	8987	3.547	ng		95
63) Azobenzene	15.876	77	43348	3.710	ng		97
65) 4,6-Dinitro-2-methylph...	15.670	198	5930	2.684	ng		83
66) n-Nitrosodiphenylamine	15.799	169	43019	3.614	ng		94
67) 4-Bromophenyl-phenylether	16.481	248	19169	3.751	ng		92
68) Hexachlorobenzene	16.598	284	22505	3.719	ng	#	93
69) Atrazine	16.745	200	19608	4.850	ng		93
70) Pentachlorophenol	16.945	266	8578	2.213	ng		96
71) Phenanthrene	17.333	178	91755	3.970	ng		98
72) Anthracene	17.421	178	90193	3.969	ng		96
73) Carbazole	17.691	167	82390	3.944	ng		97
74) Di-n-butylphthalate	18.255	149	87428	3.711	ng		99
75) Fluoranthene	19.342	202	122974	4.207	ng		99
77) Benzidine	19.524	184	48399	4.495	ng	#	93
78) Pyrene	19.706	202	132402	3.487	ng		98
80) Butylbenzylphthalate	20.599	149	34580	3.100	ng		98
81) Benzo(a)anthracene	21.516	228	142682	3.787	ng		99
82) 3,3'-Dichlorobenzidine	21.434	252	46540	3.792	ng		97
83) Chrysene	21.575	228	140060	3.881	ng		96
84) Bis(2-ethylhexyl)phtha...	21.434	149	53095	3.133	ng	#	96
85) Di-n-octyl phthalate	22.597	149	89845	3.028	ng		100
87) Indeno(1,2,3-cd)pyrene	28.061	276	162067	3.757	ng	#	87
88) Benzo(b)fluoranthene	23.631	252	132697	3.572	ng		97
89) Benzo(k)fluoranthene	23.696	252	141158	3.884	ng		98
90) Benzo(a)pyrene	24.454	252	124165	3.783	ng		96
91) Dibenzo(a,h)anthracene	28.120	278	132672	3.734	ng	#	95
92) Benzo(g,h,i)perylene	29.142	276	125792	3.511	ng	#	93

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

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