Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111124\
Data File : BP023009.D
Acq On : 11 Nov 2024 11:34
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL 4 PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 12:12:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:36:11 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.593	152	46904	20.000	ng		0.00
21) Naphthalene-d8	10.340	136	173620	20.000	ng		0.00
39) Acenaphthene-d10	14.210	164	145272	20.000	ng		0.00
64) Phenanthrene-d10	17.022	188	372032	20.000	ng		0.00
76) Chrysene-d12	21.445	240	469181	20.000	ng		-0.02
86) Perylene-d12	24.680	264	581770	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	274676	111.136	ng		0.00
7) Phenol-d6	6.787	99	380144	110.291	ng		0.00
23) Nitrobenzene-d5	8.728	82	308239	83.875	ng		-0.01
42) 2,4,6-Tribromophenol	15.728	330	332652	118.136	ng		-0.02
45) 2-Fluorobiphenyl	12.810	172	822084	80.858	ng		0.00
79) Terphenyl-d14	19.751	244	2000227	80.064	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	4488	4.548	ng		95
3) Pyridine	3.599	79	9088m	3.354	ng		
4) n-Nitrosodimethylamine	3.493	42	5273	4.037	ng	#	66
6) Aniline	6.940	93	13742	4.783	ng		98
8) 2-Chlorophenol	7.163	128	9652	3.726	ng		88
9) Benzaldehyde	6.763	77	10645	5.344	ng		92
10) Phenol	6.810	94	12955	3.795	ng	#	66
11) bis(2-Chloroethyl)ether	7.028	93	9737	3.776	ng		92
12) 1,3-Dichlorobenzene	7.481	146	12091	3.657	ng		90
13) 1,4-Dichlorobenzene	7.622	146	12959m	3.838	ng		
14) 1,2-Dichlorobenzene	7.928	146	11821	3.621	ng		94
15) Benzyl Alcohol	7.851	79	6293	2.411	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.098	45	10989	3.927	ng		93
17) 2-Methylphenol	8.046	107	7506	3.239	ng		91
18) Hexachloroethane	8.640	117	4718	3.778	ng		96
19) n-Nitroso-di-n-propyla...	8.381	70	8599	3.645	ng	#	96
20) 3+4-Methylphenols	8.387	107	10521	3.249	ng		91
22) Acetophenone	8.410	105	18363	3.973	ng		93
24) Nitrobenzene	8.775	77	13525	3.623	ng		92
25) Isophorone	9.298	82	21914	3.523	ng	#	93
26) 2-Nitrophenol	9.498	139	5217	3.403	ng		94
27) 2,4-Dimethylphenol	9.569	122	6183	3.532	ng		88
28) bis(2-Chloroethoxy)met...	9.775	93	12214	3.457	ng		91
29) 2,4-Dichlorophenol	10.051	162	9326	3.078	ng		91
30) 1,2,4-Trichlorobenzene	10.216	180	14262	3.682	ng		91
31) Naphthalene	10.387	128	30972	3.560	ng		99
32) Benzoic acid	9.693	122	4853m	2.309	ng		
33) 4-Chloroaniline	10.545	127	11192	3.615	ng		97
34) Hexachlorobutadiene	10.657	225	10246	3.606	ng		98
35) Caprolactam	11.316	113	2987m	3.293	ng		
36) 4-Chloro-3-methylphenol	11.675	107	10778	3.190	ng		97
37) 2-Methylnaphthalene	12.010	142	23214	3.563	ng		97
38) 1-Methylnaphthalene	12.228	142	21964	3.396	ng		94
40) 1,2,4,5-Tetrachloroben...	12.387	216	18371	3.735	ng		99
41) Hexachlorocyclopentadiene	12.351	237	3370	2.440	ng		89
43) 2,4,6-Trichlorophenol	12.651	196	9894	3.163	ng		96

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44) 2,4,5-Trichlorophenol	12.745	196	11269	3.165	ng		92
46) 1,1'-Biphenyl	13.034	154	37844	3.919	ng		99
47) 2-Chloronaphthalene	13.075	162	28569	3.565	ng		96
48) 2-Nitroaniline	13.310	65	6797	2.911	ng		97
49) Acenaphthylene	13.922	152	42642	3.810	ng		97
50) Dimethylphthalate	13.669	163	38940	3.661	ng	#	96
51) 2,6-Dinitrotoluene	13.804	165	7641	3.159	ng		91
52) Acenaphthene	14.269	154	26108	3.628	ng		96
53) 3-Nitroaniline	14.163	138	5756	2.929	ng		87
55) Dibenzofuran	14.616	168	46696	3.695	ng		97
57) 2,4-Dinitrotoluene	14.616	165	9703	2.775	ng	#	66
58) Fluorene	15.280	166	36744	3.499	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.869	232	11221	3.268	ng	#	94
60) Diethylphthalate	15.051	149	36464	3.447	ng		98
61) 4-Chlorophenyl-phenyle...	15.275	204	22004	3.555	ng		93
62) 4-Nitroaniline	15.345	138	5364m	2.660	ng		
63) Azobenzene	15.580	77	31617	3.476	ng		94
65) 4,6-Dinitro-2-methylph...	15.410	198	5246	2.318	ng		84
66) n-Nitrosodiphenylamine	15.504	169	31901	3.468	ng		99
67) 4-Bromophenyl-phenylether	16.192	248	15700	3.518	ng	#	93
68) Hexachlorobenzene	16.316	284	20111	3.519	ng		92
69) Atrazine	16.480	200	13319	4.296	ng		97
70) Pentachlorophenol	16.692	266	9545	2.615	ng		96
71) Phenanthrene	17.063	178	68137	3.784	ng		99
72) Anthracene	17.157	178	63373	3.668	ng		99
73) Carbazole	17.457	167	54644	3.311	ng		99
74) Di-n-butylphthalate	18.027	149	56567	3.076	ng		97
75) Fluoranthene	19.169	202	83627	3.348	ng		99
77) Benzidine	19.369	184	32647	3.522	ng		96
78) Pyrene	19.545	202	90350	3.253	ng		99
80) Butylbenzylphthalate	20.480	149	26561	2.805	ng		95
81) Benzo(a)anthracene	21.427	228	103986	3.562	ng		97
82) 3,3'-Dichlorobenzidine	21.357	252	36681	3.104	ng		98
83) Chrysene	21.492	228	102028	3.731	ng		99
84) Bis(2-ethylhexyl)phtha...	21.351	149	37396	2.752	ng	#	99
85) Di-n-octyl phthalate	22.574	149	63721	2.806	ng		100
87) Indeno(1,2,3-cd)pyrene	28.345	276	146718	3.739	ng	#	94
88) Benzo(b)fluoranthene	23.657	252	116569	3.411	ng		95
89) Benzo(k)fluoranthene	23.727	252	112789	3.495	ng		98
90) Benzo(a)pyrene	24.521	252	102776	3.514	ng		99
91) Dibenzo(a,h)anthracene	28.397	278	120586	3.747	ng		96
92) Benzo(g,h,i)perylene	29.480	276	113509	3.443	ng		96

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

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