Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019574.D
Acq On : 06 Feb 2024 15:19
Operator : MA/JU
Sample : P1187-09
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2024

Quant Time: Feb 07 01:41:52 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	67235	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	290363	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	217135	20.000	ng		-0.01
64) Phenanthrene-d10	17.292	188	532130	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	518015	20.000	ng		0.00
86) Perylene-d12	23.804	264	479990	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	534732	128.199	ng		0.00
7) Phenol-d6	7.075	99	748274	133.046	ng		-0.01
23) Nitrobenzene-d5	9.075	82	522363	77.953	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	485744	153.216	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1303647	74.221	ng		-0.01
79) Terphenyl-d14	19.863	244	2651548	84.179	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	6688	4.162	ng		97
3) Pyridine	3.793	79	16761	3.847	ng		95
4) n-Nitrosodimethylamine	3.711	42	7080	3.732	ng	#	95
6) Aniline	7.240	93	26826	4.909	ng		98
8) 2-Chlorophenol	7.469	128	16513	3.856	ng		96
9) Benzaldehyde	7.058	77	18928	4.800	ng		99
10) Phenol	7.099	94	22751	4.059	ng		80
11) bis(2-Chloroethyl)ether	7.346	93	18143	4.160	ng		94
12) 1,3-Dichlorobenzene	7.793	146	20722	3.955	ng		99
13) 1,4-Dichlorobenzene	7.946	146	21030	3.961	ng		94
14) 1,2-Dichlorobenzene	8.258	146	19549	3.806	ng		97
15) Benzyl Alcohol	8.152	79	18698	4.161	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.446	45	17907	4.106	ng		94
17) 2-Methylphenol	8.352	107	14888	3.945	ng		97
18) Hexachloroethane	8.981	117	7384	3.588	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	16659	4.336	ng	#	97
20) 3+4-Methylphenols	8.681	107	19988	3.881	ng		99
22) Acetophenone	8.740	105	32701	3.953	ng	#	95
24) Nitrobenzene	9.116	77	25000	3.705	ng		95
25) Isophorone	9.640	82	44986	3.855	ng		96
26) 2-Nitrophenol	9.828	139	8318	3.233	ng	#	94
27) 2,4-Dimethylphenol	9.887	122	14046	4.270	ng		94
28) bis(2-Chloroethoxy)met...	10.134	93	25975	3.934	ng		98
29) 2,4-Dichlorophenol	10.357	162	17096	3.438	ng		94
30) 1,2,4-Trichlorobenzene	10.569	180	21281	3.490	ng		95
31) Naphthalene	10.757	128	60912	3.825	ng		99
32) Benzoic acid	9.946	122	8221	2.565	ng		95
33) 4-Chloroaniline	10.875	127	24282	4.123	ng		97
34) Hexachlorobutadiene	11.034	225	15378	3.404	ng		94
35) Caprolactam	11.640	113	6044	4.294	ng	#	79
36) 4-Chloro-3-methylphenol	11.993	107	20370	3.757	ng		96
37) 2-Methylnaphthalene	12.369	142	42967	3.899	ng		99
38) 1-Methylnaphthalene	12.581	142	42895	3.961	ng		92
40) 1,2,4,5-Tetrachloroben...	12.728	216	29876	3.568	ng		98
41) Hexachlorocyclopentadiene	12.704	237	13322	3.522	ng		88
43) 2,4,6-Trichlorophenol	12.975	196	15516	3.060	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	18388	3.302	ng		92
46) 1,1'-Biphenyl	13.381	154	63325	3.654	ng		100
47) 2-Chloronaphthalene	13.416	162	48917	3.439	ng		98
48) 2-Nitroaniline	13.628	65	13326	3.350	ng		99
49) Acenaphthylene	14.263	152	78576	3.937	ng		98
50) Dimethylphthalate	14.010	163	66581	4.006	ng		99
51) 2,6-Dinitrotoluene	14.128	165	12850	3.519	ng		91
52) Acenaphthene	14.604	154	45163	3.646	ng		99
53) 3-Nitroaniline	14.457	138	12538	3.736	ng	#	97
54) 2,4-Dinitrophenol	14.663	184	5048	2.662	ng		88
55) Dibenzofuran	14.940	168	79339	3.932	ng		98
56) 4-Nitrophenol	14.757	139	8826	3.208	ng		99
57) 2,4-Dinitrotoluene	14.910	165	16621	3.473	ng		95
58) Fluorene	15.587	166	64216	3.996	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	17524	3.742	ng		98
60) Diethylphthalate	15.375	149	65354	3.953	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	35390	3.918	ng		95
62) 4-Nitroaniline	15.616	138	12653	3.597	ng		95
63) Azobenzene	15.887	77	62175	3.889	ng		98
65) 4,6-Dinitro-2-methylph...	15.669	198	8483	2.796	ng		92
66) n-Nitrosodiphenylamine	15.804	169	54735	3.435	ng		98
67) 4-Bromophenyl-phenylether	16.492	248	21273	3.198	ng		93
68) Hexachlorobenzene	16.587	284	26632	3.428	ng		94
69) Atrazine	16.769	200	21688	4.101	ng		97
70) Pentachlorophenol	16.934	266	13183	2.725	ng		95
71) Phenanthrene	17.334	178	107421	3.836	ng		99
72) Anthracene	17.428	178	103783	3.715	ng		100
73) Carbazole	17.704	167	92918	3.661	ng		99
74) Di-n-butylphthalate	18.269	149	104480	3.405	ng		98
75) Fluoranthene	19.304	202	130500	3.815	ng		99
77) Benzidine	19.498	184	52846	4.880	ng		97
78) Pyrene	19.657	202	140064	3.831	ng		97
80) Butylbenzylphthalate	20.551	149	43746	3.204	ng		99
81) Benzo(a)anthracene	21.369	228	138596	3.801	ng		97
82) 3,3'-Dichlorobenzidine	21.310	252	42060	3.165	ng		98
83) Chrysene	21.422	228	126071	3.642	ng		98
84) Bis(2-ethylhexyl)phtha...	21.316	149	67851	3.264	ng	#	96
85) Di-n-octyl phthalate	22.263	149	92976	2.542	ng		99
87) Indeno(1,2,3-cd)pyrene	26.315	276	112839	3.071	ng		98
88) Benzo(b)fluoranthene	23.063	252	112099	3.706	ng		99
89) Benzo(k)fluoranthene	23.116	252	112123	3.880	ng		98
90) Benzo(a)pyrene	23.692	252	93597	3.477	ng	#	97
91) Dibenzo(a,h)anthracene	26.357	278	95416	3.158	ng		95
92) Benzo(g,h,i)perylene	27.086	276	91677	2.990	ng		99

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

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