Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140225.D
Acq On : 04 Nov 2024 18:15
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL-8 PPM
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 04 23:59:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 17:12:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	205677	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	766069	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	444084	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	822948	20.000	ng		0.00
76) Chrysene-d12	14.051	240	547978	20.000	ng		0.00
86) Perylene-d12	15.539	264	468623	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1354192	111.565	ng		0.00
7) Phenol-d6	6.504	99	1811272	116.295	ng		0.00
23) Nitrobenzene-d5	7.440	82	1236007	81.623	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	690012	140.922	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2465559	86.781	ng		0.00
79) Terphenyl-d14	12.992	244	2922531	85.092	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	44395	8.286	ng		97
3) Pyridine	3.469	79	104936	7.973	ng		96
4) n-Nitrosodimethylamine	3.369	42	50850	6.897	ng	#	87
6) Aniline	6.540	93	150187	11.048	ng		96
8) 2-Chlorophenol	6.663	128	111456	8.711	ng		100
9) Benzaldehyde	6.428	77	97030	9.588	ng		96
10) Phenol	6.516	94	143579	8.668	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	109548	8.602	ng		98
12) 1,3-Dichlorobenzene	6.816	146	126835	8.396	ng		97
13) 1,4-Dichlorobenzene	6.893	146	127968	8.386	ng		98
14) 1,2-Dichlorobenzene	7.045	146	120765	8.468	ng		99
15) Benzyl Alcohol	7.010	79	120020	9.838	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	154959	8.454	ng		100
17) 2-Methylphenol	7.116	107	93241	9.004	ng		96
18) Hexachloroethane	7.387	117	44914	7.906	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	85023	8.361	ng		96
20) 3+4-Methylphenols	7.269	107	120894	9.073	ng	#	89
22) Acetophenone	7.281	105	175556	9.350	ng	#	91
24) Nitrobenzene	7.451	77	127541	8.068	ng		98
25) Isophorone	7.687	82	228404	8.879	ng		99
26) 2-Nitrophenol	7.769	139	54955	8.858	ng		94
27) 2,4-Dimethylphenol	7.798	122	79422	9.347	ng		96
28) bis(2-Chloroethoxy)met...	7.898	93	139504	9.001	ng		98
29) 2,4-Dichlorophenol	8.004	162	98906	9.204	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	117704	8.921	ng		98
31) Naphthalene	8.175	128	347624	9.001	ng		99
32) Benzoic acid	7.863	122	37831	5.599	ng		95
33) 4-Chloroaniline	8.222	127	130859	10.224	ng		96
34) Hexachlorobutadiene	8.292	225	75706	8.269	ng		100
35) Caprolactam	8.557	113	28289	8.872	ng		94
36) 4-Chloro-3-methylphenol	8.692	107	103723	8.863	ng		98
37) 2-Methylnaphthalene	8.869	142	235962	9.155	ng		97
38) 1-Methylnaphthalene	8.963	142	220874	8.755	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	131528	9.596	ng		99
41) Hexachlorocyclopentadiene	9.022	237	36072	9.596	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	74450	8.895	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	80315	9.184	ng		97
46) 1,1'-Biphenyl	9.334	154	313371	9.722	ng		98
47) 2-Chloronaphthalene	9.357	162	228402	9.339	ng		97
48) 2-Nitroaniline	9.451	65	63938	8.410	ng		91
49) Acenaphthylene	9.775	152	353260	10.263	ng		99
50) Dimethylphthalate	9.628	163	257162	9.443	ng		100
51) 2,6-Dinitrotoluene	9.692	165	57347	8.837	ng		88
52) Acenaphthene	9.945	154	216467	8.822	ng		99
53) 3-Nitroaniline	9.857	138	56409	9.526	ng		98
54) 2,4-Dinitrophenol	9.969	184	10622	9.332	ng	#	88
55) Dibenzofuran	10.116	168	333898	9.634	ng		96
56) 4-Nitrophenol	10.010	139	33634	7.676	ng		94
57) 2,4-Dinitrotoluene	10.092	165	73816	8.689	ng		93
58) Fluorene	10.463	166	266965	9.632	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	66098	9.123	ng		98
60) Diethylphthalate	10.333	149	259104	9.340	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	134656	9.442	ng		94
62) 4-Nitroaniline	10.469	138	53372	8.866	ng		92
63) Azobenzene	10.616	77	253201	9.001	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	24924	5.784	ng		98
66) n-Nitrosodiphenylamine	10.569	169	224170	9.457	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	84348	9.101	ng		99
68) Hexachlorobenzene	11.010	284	96193	9.197	ng		99
69) Atrazine	11.092	200	78679	11.864	ng		99
70) Pentachlorophenol	11.204	266	35685	6.407	ng		99
71) Phenanthrene	11.428	178	388032	9.700	ng		98
72) Anthracene	11.480	178	392965	10.023	ng		99
73) Carbazole	11.633	167	334290	9.402	ng		98
74) Di-n-butylphthalate	11.963	149	391431	9.386	ng		99
75) Fluoranthene	12.616	202	404933	9.450	ng		99
77) Benzidine	12.739	184	97769	10.286	ng		97
78) Pyrene	12.845	202	402572	8.946	ng		98
80) Butylbenzylphthalate	13.469	149	137775	8.729	ng		94
81) Benzo(a)anthracene	14.039	228	331661	9.228	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	98649	9.097	ng		98
83) Chrysene	14.074	228	303772	9.188	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	198358	9.036	ng		99
85) Di-n-octyl phthalate	14.651	149	284598	8.743	ng		97
87) Indeno(1,2,3-cd)pyrene	17.039	276	252974	8.576	ng		99
88) Benzo(b)fluoranthene	15.098	252	259776	8.789	ng		99
89) Benzo(k)fluoranthene	15.127	252	237131	9.002	ng		99
90) Benzo(a)pyrene	15.474	252	216840	9.102	ng		100
91) Dibenzo(a,h)anthracene	17.057	278	202688	8.437	ng		99
92) Benzo(g,h,i)perylene	17.492	276	192298	7.840	ng		99

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

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