Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140246.D
Acq On : 05 Nov 2024 19:15
Operator : RC/JU
Sample : P4368-01
Misc : LOD-MDL-SOIL-4 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Quant Time: Nov 05 23:45:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 23:41:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	203009	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	752181	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	453027	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	820433	20.000	ng		0.00
76) Chrysene-d12	14.051	240	534860	20.000	ng		-0.01
86) Perylene-d12	15.551	264	472240	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1510569	123.311	ng		0.00
7) Phenol-d6	6.504	99	1927716	122.344	ng		0.00
23) Nitrobenzene-d5	7.439	82	1398800	92.459	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	623416	139.220	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2449449	86.337	ng		0.00
79) Terphenyl-d14	12.998	244	2617786	80.176	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	24113	4.281	ng		97
3) Pyridine	3.540	79	55446	4.035	ng		96
4) n-Nitrosodimethylamine	3.369	42	34111	4.299	ng		99
6) Aniline	6.545	93	81996	5.760	ng		99
8) 2-Chlorophenol	6.663	128	61830	4.824	ng	#	82
9) Benzaldehyde	6.428	77	57138	5.887	ng		97
10) Phenol	6.516	94	78794	4.709	ng	#	45
11) bis(2-Chloroethyl)ether	6.610	93	61309	4.823	ng		98
12) 1,3-Dichlorobenzene	6.816	146	69660	4.638	ng		98
13) 1,4-Dichlorobenzene	6.892	146	71468	4.718	ng		99
14) 1,2-Dichlorobenzene	7.045	146	66863	4.726	ng		96
15) Benzyl Alcohol	7.010	79	79579	6.552	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	102979	5.004	ng		99
17) 2-Methylphenol	7.116	107	50432	4.717	ng		97
18) Hexachloroethane	7.386	117	25542	4.526	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	47524	4.728	ng		98
20) 3+4-Methylphenols	7.269	107	65032	4.843	ng		98
22) Acetophenone	7.281	105	95711	5.132	ng		92
24) Nitrobenzene	7.457	77	75765	4.773	ng		97
25) Isophorone	7.686	82	126511	4.856	ng		100
26) 2-Nitrophenol	7.769	139	28699	4.545	ng		97
27) 2,4-Dimethylphenol	7.798	122	36982	4.305	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	76287	4.894	ng		98
29) 2,4-Dichlorophenol	8.004	162	53113	4.998	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	60329	4.737	ng		99
31) Naphthalene	8.175	128	191429	4.928	ng		99
32) Benzoic acid	7.857	122	16864	2.392	ng		96
33) 4-Chloroaniline	8.222	127	69965	5.472	ng		97
34) Hexachlorobutadiene	8.292	225	38751	4.495	ng		98
35) Caprolactam	8.551	113	15354	4.749	ng		99
36) 4-Chloro-3-methylphenol	8.698	107	56698	4.792	ng		97
37) 2-Methylnaphthalene	8.869	142	127489	5.029	ng		99
38) 1-Methylnaphthalene	8.963	142	117059	4.711	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	63649	4.799	ng		98
41) Hexachlorocyclopentadiene	9.022	237	16092	4.330	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	36838	4.482	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	38968	4.509	ng	99
46) 1,1'-Biphenyl	9.333	154	170886	5.219	ng	97
47) 2-Chloronaphthalene	9.357	162	117439	4.765	ng	98
48) 2-Nitroaniline	9.451	65	36886	4.475	ng	97
49) Acenaphthylene	9.775	152	186879	5.356	ng	99
50) Dimethylphthalate	9.627	163	138438	4.962	ng	98
51) 2,6-Dinitrotoluene	9.692	165	29662	4.523	ng	93
52) Acenaphthene	9.945	154	116532	4.709	ng	98
53) 3-Nitroaniline	9.857	138	29748	4.817	ng	99
55) Dibenzofuran	10.116	168	174737	5.049	ng	98
56) 4-Nitrophenol	10.016	139	15825	3.645	ng	99
57) 2,4-Dinitrotoluene	10.092	165	37702	4.430	ng	97
58) Fluorene	10.463	166	138839	5.040	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	33104	4.676	ng	98
60) Diethylphthalate	10.333	149	135670	4.893	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	68355	4.923	ng	96
62) 4-Nitroaniline	10.469	138	28193	4.594	ng	95
63) Azobenzene	10.616	77	141001	4.906	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	11220	2.604	ng	97
66) n-Nitrosodiphenylamine	10.575	169	115393	4.890	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	42029	4.757	ng	98
68) Hexachlorobenzene	11.010	284	47215	4.688	ng	97
69) Atrazine	11.092	200	39371	6.098	ng	97
70) Pentachlorophenol	11.204	266	16728	3.093	ng	97
71) Phenanthrene	11.427	178	200367	5.117	ng	98
72) Anthracene	11.474	178	200720	5.228	ng	99
73) Carbazole	11.633	167	170954	4.873	ng	98
74) Di-n-butylphthalate	11.963	149	202976	4.888	ng	99
75) Fluoranthene	12.616	202	202461	4.945	ng	98
77) Benzidine	12.739	184	60191	5.756	ng	96
78) Pyrene	12.845	202	204155	4.623	ng	98
80) Butylbenzylphthalate	13.468	149	72607	4.566	ng	94
81) Benzo(a)anthracene	14.039	228	161691	4.711	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	47190	4.378	ng	100
83) Chrysene	14.074	228	156413	4.866	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	102625	4.605	ng	98
85) Di-n-octyl phthalate	14.662	149	152245	4.538	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	117580	4.242	ng	99
88) Benzo(b)fluoranthene	15.110	252	124575	4.361	ng	99
89) Benzo(k)fluoranthene	15.139	252	128269	4.894	ng	98
90) Benzo(a)pyrene	15.480	252	112388	4.772	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	95275	4.178	ng	98
92) Benzo(g,h,i)perylene	17.498	276	90878	3.906	ng	98

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

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