Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140244.D
Acq On : 05 Nov 2024 18:22
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-5 PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 05 23:44:29 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

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	192550	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	715379	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	432149	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	782397	20.000	ng		0.00
76) Chrysene-d12	14.057	240	493840	20.000	ng		0.00
86) Perylene-d12	15.568	264	406750	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1207397	103.916	ng		0.00
7) Phenol-d6	6.504	99	1584658	106.034	ng		0.00
23) Nitrobenzene-d5	7.439	82	1123417	78.077	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	483372	113.160	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2000930	73.935	ng		0.00
79) Terphenyl-d14	12.992	244	2222703	73.730	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	26118	4.889	ng		94
3) Pyridine	3.487	79	55490	4.257	ng		96
4) n-Nitrosodimethylamine	3.369	42	32892	4.371	ng	#	94
6) Aniline	6.539	93	81275	6.019	ng		96
8) 2-Chlorophenol	6.663	128	62285	5.123	ng		96
9) Benzaldehyde	6.428	77	55454	6.024	ng		98
10) Phenol	6.516	94	78397	4.939	ng	#	77
11) bis(2-Chloroethyl)ether	6.610	93	60708	5.035	ng		98
12) 1,3-Dichlorobenzene	6.816	146	69062	4.848	ng		99
13) 1,4-Dichlorobenzene	6.892	146	69627	4.846	ng		99
14) 1,2-Dichlorobenzene	7.045	146	66936	4.988	ng		97
15) Benzyl Alcohol	7.010	79	72359	6.281	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	99349	5.090	ng		100
17) 2-Methylphenol	7.116	107	47739	4.707	ng		96
18) Hexachloroethane	7.386	117	25814	4.823	ng		91
19) n-Nitroso-di-n-propyla...	7.275	70	47020	4.932	ng		98
20) 3+4-Methylphenols	7.269	107	60543	4.753	ng		96
22) Acetophenone	7.275	105	91242	5.144	ng	#	97
24) Nitrobenzene	7.451	77	72335	4.791	ng		99
25) Isophorone	7.686	82	122603	4.949	ng		99
26) 2-Nitrophenol	7.769	139	27851	4.637	ng		99
27) 2,4-Dimethylphenol	7.798	122	31223	3.821	ng		94
28) bis(2-Chloroethoxy)met...	7.898	93	73071	4.928	ng		99
29) 2,4-Dichlorophenol	8.004	162	49186	4.866	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	58222	4.807	ng		99
31) Naphthalene	8.175	128	183876	4.978	ng		99
32) Benzoic acid	7.857	122	15982m	2.384	ng		
33) 4-Chloroaniline	8.222	127	66640	5.480	ng		98
34) Hexachlorobutadiene	8.292	225	37552	4.580	ng		100
35) Caprolactam	8.551	113	14333	4.661	ng		95
36) 4-Chloro-3-methylphenol	8.698	107	53701	4.772	ng		95
37) 2-Methylnaphthalene	8.863	142	124236	5.153	ng		99
38) 1-Methylnaphthalene	8.963	142	115643	4.894	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	63340	5.007	ng		99
41) Hexachlorocyclopentadiene	9.022	237	10788	3.043	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	35681	4.551	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	37290	4.524	ng	98
46) 1,1'-Biphenyl	9.333	154	164910	5.279	ng	98
47) 2-Chloronaphthalene	9.357	162	113509	4.828	ng	98
48) 2-Nitroaniline	9.451	65	34770	4.422	ng	95
49) Acenaphthylene	9.775	152	182748	5.490	ng	98
50) Dimethylphthalate	9.628	163	132283	4.970	ng	99
51) 2,6-Dinitrotoluene	9.692	165	27305	4.365	ng	99
52) Acenaphthene	9.945	154	109533	4.640	ng	99
53) 3-Nitroaniline	9.857	138	28366	4.815	ng	99
55) Dibenzofuran	10.116	168	171266	5.188	ng	98
56) 4-Nitrophenol	10.016	139	14638	3.534	ng	97
57) 2,4-Dinitrotoluene	10.092	165	36058	4.442	ng	96
58) Fluorene	10.463	166	133723	5.089	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	31458	4.659	ng	97
60) Diethylphthalate	10.333	149	131122	4.958	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	67462	5.094	ng	94
62) 4-Nitroaniline	10.469	138	25386	4.337	ng	96
63) Azobenzene	10.616	77	137706	5.023	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	10194	2.481	ng	96
66) n-Nitrosodiphenylamine	10.569	169	113224	5.031	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	41076	4.875	ng	98
68) Hexachlorobenzene	11.010	284	45861	4.775	ng	98
69) Atrazine	11.092	200	38995	6.334	ng	99
70) Pentachlorophenol	11.204	266	15084	2.925	ng	98
71) Phenanthrene	11.427	178	193181	5.174	ng	98
72) Anthracene	11.480	178	185478	5.066	ng	98
73) Carbazole	11.633	167	166165	4.967	ng	98
74) Di-n-butylphthalate	11.963	149	194733	4.917	ng	99
75) Fluoranthene	12.616	202	192565	4.932	ng	98
77) Benzidine	12.739	184	44049	4.562	ng	95
78) Pyrene	12.845	202	196239	4.813	ng	99
80) Butylbenzylphthalate	13.468	149	68684	4.678	ng	95
81) Benzo(a)anthracene	14.045	228	152075	4.798	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	42364	4.257	ng	99
83) Chrysene	14.080	228	148270	4.996	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	99593	4.840	ng	98
85) Di-n-octyl phthalate	14.680	149	139668	4.509	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	105513	4.419	ng	99
88) Benzo(b)fluoranthene	15.127	252	112529	4.574	ng	99
89) Benzo(k)fluoranthene	15.157	252	120963	5.358	ng	99
90) Benzo(a)pyrene	15.504	252	99168	4.889	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	85085	4.331	ng	98
92) Benzo(g,h,i)perylene	17.521	276	82832	4.134	ng	99

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

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