Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139259.D
Acq On : 05 Sep 2024 15:49
Operator : RC/JU
Sample : P2403-02
Misc : LOQ-SOIL-5 ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Quant Time: Sep 05 16:46:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	107568	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	390234	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	215486	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	392752	20.000	ng		0.00
76) Chrysene-d12	14.045	240	214033	20.000	ng		0.00
86) Perylene-d12	15.521	264	183805	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	755956	117.564	ng		0.00
7) Phenol-d6	6.510	99	995472	115.966	ng		0.00
23) Nitrobenzene-d5	7.445	82	643189	85.745	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	220980	118.758	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1174236	84.117	ng		0.00
79) Terphenyl-d14	12.998	244	1097832	82.816	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	18810	6.282	ng		99
3) Pyridine	3.458	79	42053	5.818	ng		96
4) n-Nitrosodimethylamine	3.369	42	27474	5.853	ng		99
6) Aniline	6.546	93	59881	7.586	ng		97
8) 2-Chlorophenol	6.669	128	43068	6.463	ng		87
9) Benzaldehyde	6.434	77	38278	7.367	ng		98
10) Phenol	6.522	94	58273	6.436	ng	#	70
11) bis(2-Chloroethyl)ether	6.622	93	41896	6.459	ng		100
12) 1,3-Dichlorobenzene	6.828	146	46838	6.210	ng		99
13) 1,4-Dichlorobenzene	6.904	146	46940	6.217	ng		99
14) 1,2-Dichlorobenzene	7.057	146	44500	6.320	ng		99
15) Benzyl Alcohol	7.022	79	47571	7.599	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	81846	6.628	ng		99
17) 2-Methylphenol	7.128	107	34029	6.251	ng		97
18) Hexachloroethane	7.398	117	16310	6.049	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	32001	6.473	ng		98
20) 3+4-Methylphenols	7.281	107	45081	6.571	ng		97
22) Acetophenone	7.287	105	61143	6.577	ng		99
24) Nitrobenzene	7.463	77	49835	6.259	ng		99
25) Isophorone	7.698	82	82118	6.403	ng		99
26) 2-Nitrophenol	7.781	139	18517	5.922	ng		97
27) 2,4-Dimethylphenol	7.816	122	29023	6.508	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	48935	6.404	ng		99
29) 2,4-Dichlorophenol	8.016	162	33545	6.282	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	38693	6.345	ng		99
31) Naphthalene	8.187	128	126879	6.420	ng		99
32) Benzoic acid	7.863	122	13733	3.381	ng		98
33) 4-Chloroaniline	8.234	127	47824	6.989	ng		98
34) Hexachlorobutadiene	8.310	225	23300	6.029	ng		98
35) Caprolactam	8.563	113	9169	5.547	ng		90
36) 4-Chloro-3-methylphenol	8.710	107	35388	6.082	ng		95
37) 2-Methylnaphthalene	8.881	142	80749	6.531	ng		98
38) 1-Methylnaphthalene	8.981	142	74968	6.165	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	38856	6.373	ng		98
41) Hexachlorocyclopentadiene	9.034	237	13099	6.685	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	23951	6.004	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139259.D
Acq On : 05 Sep 2024 15:49
Operator : RC/JU
Sample : P2403-02
Misc : LOQ-SOIL-5 ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Quant Time: Sep 05 16:46:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	24688	5.906	ng		98
46) 1,1'-Biphenyl	9.345	154	107383	6.726	ng		100
47) 2-Chloronaphthalene	9.369	162	76448	6.341	ng		97
48) 2-Nitroaniline	9.463	65	24848	5.984	ng		99
49) Acenaphthylene	9.781	152	125893	6.934	ng		99
50) Dimethylphthalate	9.639	163	85950	6.581	ng		99
51) 2,6-Dinitrotoluene	9.698	165	17357	5.858	ng		96
52) Acenaphthene	9.957	154	72970	6.059	ng		95
53) 3-Nitroaniline	9.869	138	19014	6.023	ng		98
54) 2,4-Dinitrophenol	9.975	184	2476	8.971	ng	#	45
55) Dibenzofuran	10.128	168	115051	6.663	ng		99
56) 4-Nitrophenol	10.022	139	11283	4.842	ng		93
57) 2,4-Dinitrotoluene	10.098	165	21852	5.794	ng		96
58) Fluorene	10.469	166	90059	6.728	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	20291	6.167	ng		97
60) Diethylphthalate	10.339	149	82751	6.438	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	43258	6.701	ng		98
62) 4-Nitroaniline	10.475	138	17275	5.749	ng		97
63) Azobenzene	10.622	77	86161	6.360	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	5977	3.294	ng		98
66) n-Nitrosodiphenylamine	10.581	169	76017	6.649	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	24368	6.395	ng		95
68) Hexachlorobenzene	11.016	284	28094	6.440	ng		99
69) Atrazine	11.104	200	20724	7.857	ng		96
70) Pentachlorophenol	11.210	266	10234	4.061	ng		96
71) Phenanthrene	11.433	178	124829	6.804	ng		99
72) Anthracene	11.486	178	124646	6.954	ng		98
73) Carbazole	11.639	167	108008	6.448	ng		99
74) Di-n-butylphthalate	11.975	149	107247	6.253	ng		98
75) Fluoranthene	12.622	202	122911	6.682	ng		99
77) Benzidine	12.745	184	34855	8.088	ng		97
78) Pyrene	12.851	202	131028	6.337	ng		98
80) Butylbenzylphthalate	13.469	149	28404	5.836	ng		99
81) Benzo(a)anthracene	14.033	228	90356	6.611	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	20971	5.778	ng		99
83) Chrysene	14.074	228	77891	6.106	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	28992	5.075	ng		99
85) Di-n-octyl phthalate	14.645	149	37223	3.403	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	54337	4.732	ng		97
88) Benzo(b)fluoranthene	15.086	252	57150	5.399	ng		98
89) Benzo(k)fluoranthene	15.116	252	68354	7.202	ng		98
90) Benzo(a)pyrene	15.457	252	54039	6.012	ng		100
91) Dibenzo(a,h)anthracene	17.015	278	42866	4.530	ng		97
92) Benzo(g,h,i)perylene	17.439	276	42604	4.362	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139259.D
Acq On : 05 Sep 2024 15:49
Operator : RC/JU
Sample : P2403-02
Misc : LOQ-SOIL-5 ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Quant Time: Sep 05 16:46:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration