Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042448.D
Acq On : 25 Oct 2023 21:30
Operator : MA/JU
Sample : 04989-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TRENCHWAY-SOIL-PILEMS

Quant Time: Oct 26 00:49:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	126222	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	507046	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	298137	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	639883	20.000	ng		-0.01
76) Chrysene-d12	21.568	240	608465	20.000	ng		-0.01
86) Perylene-d12	24.027	264	656497	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	891424	99.813	ng		0.00
7) Phenol-d6	7.145	99	1160544	96.966	ng		0.00
23) Nitrobenzene-d5	9.192	82	773492	67.456	ng		0.00
42) 2,4,6-Tribromophenol	16.127	330	423167	128.628	ng		-0.01
45) 2-Fluorobiphenyl	13.257	172	1516891	68.514	ng		-0.01
79) Terphenyl-d14	19.998	244	2338838	68.170	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	158985	37.805	ng		96
3) Pyridine	3.804	79	410725	33.288	ng		97
4) n-Nitrosodimethylamine	3.734	42	234023	37.566	ng		92
6) Aniline	7.334	93	409749	26.889	ng		96
8) 2-Chlorophenol	7.545	128	427191	48.205	ng		96
9) Benzaldehyde	7.151	77	134328	19.270	ng		98
10) Phenol	7.175	94	557969	45.118	ng		99
11) bis(2-Chloroethyl)ether	7.428	93	434751	42.818	ng		96
12) 1,3-Dichlorobenzene	7.869	146	457171	49.876	ng		98
13) 1,4-Dichlorobenzene	8.028	146	473058	51.270	ng		98
14) 1,2-Dichlorobenzene	8.339	146	452620	51.087	ng		98
15) Benzyl Alcohol	8.251	79	407847	45.969	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	684811	42.625	ng		98
17) 2-Methylphenol	8.434	107	363143	44.498	ng		99
18) Hexachloroethane	9.057	117	181561	51.114	ng	#	90
19) n-Nitroso-di-n-propyla...	8.810	70	358606	44.207	ng		96
20) 3+4-Methylphenols	8.763	107	486265	44.424	ng		98
22) Acetophenone	8.839	105	655603	47.394	ng	#	96
24) Nitrobenzene	9.234	77	527478	45.981	ng		98
25) Isophorone	9.745	82	946356	48.565	ng		97
26) 2-Nitrophenol	9.933	139	229589	51.774	ng		95
27) 2,4-Dimethylphenol	9.975	122	358050	45.298	ng		98
28) bis(2-Chloroethoxy)met...	10.228	93	576973	46.734	ng		99
29) 2,4-Dichlorophenol	10.451	162	400255	58.229	ng		96
30) 1,2,4-Trichlorobenzene	10.663	180	428373	58.132	ng		98
31) Naphthalene	10.863	128	1322172	50.767	ng		100
32) Benzoic acid	10.110	122	323733	55.110	ng		98
33) 4-Chloroaniline	10.998	127	230402	20.376	ng		98
34) Hexachlorobutadiene	11.092	225	257309	64.528	ng		98
35) Caprolactam	11.827	113	134452	49.118	ng		92
36) 4-Chloro-3-methylphenol	12.098	107	440354	53.087	ng		97
37) 2-Methylnaphthalene	12.469	142	877587	50.056	ng		98
38) 1-Methylnaphthalene	12.686	142	856212	52.131	ng		99
40) 1,2,4,5-Tetrachloroben...	12.816	216	479375	55.618	ng		98
41) Hexachlorocyclopentadiene	12.763	237	312298	67.580	ng		99
43) 2,4,6-Trichlorophenol	13.069	196	321597	57.639	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042448.D
Acq On : 25 Oct 2023 21:30
Operator : MA/JU
Sample : 04989-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TRENCHWAY-SOIL-PILEMS

Quant Time: Oct 26 00:49:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	346298	52.504	ng		95
46) 1,1'-Biphenyl	13.474	154	1160416	49.063	ng		98
47) 2-Chloronaphthalene	13.521	162	889874	51.284	ng		98
48) 2-Nitroaniline	13.757	65	316530	41.798	ng		91
49) Acenaphthylene	14.368	152	1469346	52.452	ng		100
50) Dimethylphthalate	14.104	163	1077210	49.259	ng		99
51) 2,6-Dinitrotoluene	14.245	165	237201	48.036	ng		84
52) Acenaphthene	14.698	154	840815	49.646	ng		98
53) 3-Nitroaniline	14.580	138	179451	31.830	ng		99
54) 2,4-Dinitrophenol	14.786	184	207412	69.057	ng		89
55) Dibenzofuran	15.033	168	1352606	50.494	ng		98
56) 4-Nitrophenol	14.874	139	460760	103.451	ng		91
57) 2,4-Dinitrotoluene	15.027	165	318366	48.190	ng		86
58) Fluorene	15.686	166	1098135	51.951	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	307349	62.030	ng		89
60) Diethylphthalate	15.445	149	1079815	50.037	ng		98
61) 4-Chlorophenyl-phenyle...	15.674	204	548951	55.145	ng		93
62) 4-Nitroaniline	15.745	138	238009	42.810	ng		98
63) Azobenzene	15.968	77	1202753	46.454	ng		94
65) 4,6-Dinitro-2-methylph...	15.774	198	137819	35.530	ng		82
66) n-Nitrosodiphenylamine	15.898	169	937508	48.643	ng		98
67) 4-Bromophenyl-phenylether	16.568	248	301453	50.831	ng		95
68) Hexachlorobenzene	16.657	284	384443	60.645	ng	#	89
69) Atrazine	16.845	200	343776	70.338	ng		99
70) Pentachlorophenol	17.015	266	550404	102.209	ng		100
71) Phenanthrene	17.433	178	1789871	51.419	ng		100
72) Anthracene	17.521	178	1770615	51.359	ng		99
73) Carbazole	17.809	167	1642925	50.799	ng		99
74) Di-n-butylphthalate	18.327	149	2037423	49.646	ng		99
75) Fluoranthene	19.439	202	2207540	57.582	ng		98
77) Benzidine	19.650	184	1204553	136.866	ng		100
78) Pyrene	19.809	202	2295178	53.980	ng		100
80) Butylbenzylphthalate	20.686	149	972052	50.269	ng	#	91
81) Benzo(a)anthracene	21.550	228	2149697	52.701	ng		100
82) 3,3'-Dichlorobenzidine	21.492	252	693434	56.948	ng	#	98
83) Chrysene	21.609	228	1941916	49.567	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1454292	52.720	ng		96
85) Di-n-octyl phthalate	22.374	149	2513989	52.775	ng		95
87) Indeno(1,2,3-cd)pyrene	26.609	276	2267441	47.261	ng		94
88) Benzo(b)fluoranthene	23.268	252	2052467	51.940	ng	#	97
89) Benzo(k)fluoranthene	23.321	252	1950387	47.540	ng	#	97
90) Benzo(a)pyrene	23.915	252	1786603	46.973	ng		97
91) Dibenzo(a,h)anthracene	26.632	278	1869296	46.863	ng		96
92) Benzo(g,h,i)perylene	27.421	276	1800215	46.471	ng	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042448.D
Acq On : 25 Oct 2023 21:30
Operator : MA/JU
Sample : 04989-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TRENCHWAY-SOIL-PILEMS

Quant Time: Oct 26 00:49:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration