Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
Data File : BF138664.D
Acq On : 25 Jul 2024 20:53
Operator : RC/JU
Sample : P3352-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 26 01:14:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	77954	20.000	ng		-0.01
21) Naphthalene-d8	8.139	136	277788	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	116904	20.000	ng		-0.01
64) Phenanthrene-d10	11.374	188	175836	20.000	ng		-0.01
76) Chrysene-d12	14.015	240	133184	20.000	ng		-0.01
86) Perylene-d12	15.474	264	100056	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	617407	125.436	ng		0.00
7) Phenol-d6	6.498	99	808951	123.545	ng		0.00
23) Nitrobenzene-d5	7.422	82	512985	90.668	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	125991	115.315	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	751231	100.433	ng		-0.02
79) Terphenyl-d14	12.957	244	683739	83.636	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	84141	38.598	ng		96
3) Pyridine	3.440	79	228861	42.571	ng		95
4) n-Nitrosodimethylamine	3.387	42	169037	48.301	ng		88
6) Aniline	6.522	93	259494	42.311	ng	#	52
8) 2-Chlorophenol	6.645	128	265378	50.989	ng		99
9) Benzaldehyde	6.404	77	19188	5.475	ng		94
10) Phenol	6.516	94	346825	49.902	ng		79
11) bis(2-Chloroethyl)ether	6.592	93	272505	52.076	ng		98
12) 1,3-Dichlorobenzene	6.798	146	275125	47.028	ng		99
13) 1,4-Dichlorobenzene	6.875	146	275276	46.337	ng		99
14) 1,2-Dichlorobenzene	7.028	146	266579	48.179	ng		99
15) Benzyl Alcohol	7.004	79	251599	51.201	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	464485	45.138	ng		75
17) 2-Methylphenol	7.116	107	206502	48.412	ng	#	92
18) Hexachloroethane	7.363	117	101687	46.560	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	200176	49.476	ng		93
20) 3+4-Methylphenols	7.269	107	258527	48.131	ng		92
22) Acetophenone	7.269	105	340612	50.486	ng		98
24) Nitrobenzene	7.439	77	295674	51.425	ng		98
25) Isophorone	7.681	82	521440	53.667	ng		98
26) 2-Nitrophenol	7.757	139	133680	54.247	ng		97
27) 2,4-Dimethylphenol	7.792	122	173308	57.221	ng		99
28) bis(2-Chloroethoxy)met...	7.886	93	319869	55.085	ng		99
29) 2,4-Dichlorophenol	7.998	162	189225	48.111	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	216352	47.219	ng		99
31) Naphthalene	8.163	128	726751	50.304	ng		100
32) Benzoic acid	7.916	122	81022	28.047	ng		93
33) 4-Chloroaniline	8.210	127	142823	28.175	ng		98
34) Hexachlorobutadiene	8.269	225	131420	46.579	ng		99
35) Caprolactam	8.575	113	52632	41.470	ng		93
36) 4-Chloro-3-methylphenol	8.698	107	196365	44.596	ng		99
37) 2-Methylnaphthalene	8.851	142	432621	46.532	ng		100
38) 1-Methylnaphthalene	8.951	142	393081	43.321	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	173194	53.157	ng		99
41) Hexachlorocyclopentadiene	8.998	237	57303	54.185	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	110101	52.976	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	106979	46.799	ng	96
46) 1,1'-Biphenyl	9.310	154	479752	54.151	ng	99
47) 2-Chloronaphthalene	9.339	162	358282	53.531	ng	99
48) 2-Nitroaniline	9.433	65	128758	55.515	ng	94
49) Acenaphthylene	9.751	152	536523	56.462	ng	99
50) Dimethylphthalate	9.610	163	438540	58.014	ng	100
51) 2,6-Dinitrotoluene	9.675	165	89566	51.460	ng	87
52) Acenaphthene	9.922	154	330203m	52.276	ng	
53) 3-Nitroaniline	9.845	138	74479	41.751	ng	91
54) 2,4-Dinitrophenol	9.957	184	29630	34.537	ng	91
55) Dibenzofuran	10.098	168	464554	50.705	ng	99
56) 4-Nitrophenol	10.016	139	114216	86.773	ng	99
57) 2,4-Dinitrotoluene	10.080	165	109688	48.708	ng	99
58) Fluorene	10.439	166	353524	48.766	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	79970	44.328	ng	99
60) Diethylphthalate	10.310	149	386505	53.038	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	173400	47.635	ng	93
62) 4-Nitroaniline	10.457	138	78154	43.720	ng	98
63) Azobenzene	10.586	77	387684	49.481	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	26996	26.589	ng	89
66) n-Nitrosodiphenylamine	10.545	169	298365	56.635	ng	97
67) 4-Bromophenyl-phenylether	10.916	248	94594	52.341	ng	98
68) Hexachlorobenzene	10.986	284	104616	52.107	ng	93
69) Atrazine	11.074	200	87932	50.344	ng	98
70) Pentachlorophenol	11.180	266	110681	93.163	ng	98
71) Phenanthrene	11.398	178	545725	61.432	ng	100
72) Anthracene	11.451	178	508185	57.629	ng	100
73) Carbazole	11.610	167	453434	57.218	ng	99
74) Di-n-butylphthalate	11.933	149	535231	58.594	ng	99
75) Fluoranthene	12.586	202	650661	71.781	ng	98
77) Benzidine	12.710	184	216053	64.297	ng	99
78) Pyrene	12.816	202	649693	48.054	ng	99
80) Butylbenzylphthalate	13.427	149	254382	62.547	ng	96
81) Benzo(a)anthracene	14.004	228	529805	59.284	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	142191	61.748	ng	98
83) Chrysene	14.039	228	480298	56.812	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	352110	81.176	ng	98
85) Di-n-octyl phthalate	14.598	149	555260	81.033	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	333877	49.678	ng	100
88) Benzo(b)fluoranthene	15.051	252	367129	65.153	ng	99
89) Benzo(k)fluoranthene	15.080	252	345343m	62.840	ng	
90) Benzo(a)pyrene	15.415	252	304351	61.485	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	258791	47.073	ng	100
92) Benzo(g,h,i)perylene	17.392	276	262533	45.034	ng	97

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

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