Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138908.D
Acq On : 10 Aug 2024 14:17
Operator : RC/JU
Sample : P3464-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOILMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 01:14:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	34903	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	140861	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	76790	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	113664	20.000	ng		0.00
76) Chrysene-d12	14.004	240	65712	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	78199	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	119108	52.678	ng		0.00
7) Phenol-d6	6.481	99	94209	31.034	ng		0.00
23) Nitrobenzene-d5	7.410	82	256389	88.990	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	81267	129.198	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	465482	91.078	ng		-0.01
79) Terphenyl-d14	12.939	244	359282	91.541	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.611	88	15440	15.597	ng	#	88
3) Pyridine	3.381	79	35626	14.857	ng	#	92
4) n-Nitrosodimethylamine	3.322	42	33721	23.611	ng	#	76
6) Aniline	6.504	93	88081	32.535	ng		98
8) 2-Chlorophenol	6.634	128	98175	41.269	ng		96
9) Benzaldehyde	6.399	77	6585	3.619	ng		98
10) Phenol	6.498	94	47437	14.841	ng	#	30
11) bis(2-Chloroethyl)ether	6.575	93	114951	46.735	ng		99
12) 1,3-Dichlorobenzene	6.781	146	105413	39.586	ng		99
13) 1,4-Dichlorobenzene	6.857	146	109975	40.923	ng		99
14) 1,2-Dichlorobenzene	7.010	146	103972	41.398	ng		98
15) Benzyl Alcohol	6.987	79	77799	35.557	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	199271	47.077	ng		74
17) 2-Methylphenol	7.104	107	64313	32.740	ng	#	80
18) Hexachloroethane	7.346	117	40566	40.102	ng		98
19) n-Nitroso-di-n-propyla...	7.251	70	100425	54.772	ng		96
20) 3+4-Methylphenols	7.257	107	78106	30.990	ng	#	83
22) Acetophenone	7.251	105	174794	50.680	ng		96
24) Nitrobenzene	7.428	77	143678	49.008	ng		99
25) Isophorone	7.663	82	260785	53.009	ng		98
26) 2-Nitrophenol	7.740	139	63051	49.988	ng		92
27) 2,4-Dimethylphenol	7.781	122	73155	48.475	ng		94
28) bis(2-Chloroethoxy)met...	7.869	93	149983	50.063	ng		99
29) 2,4-Dichlorophenol	7.987	162	93205	48.063	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	100344	44.838	ng		99
31) Naphthalene	8.145	128	350866	47.322	ng		99
32) Benzoic acid	7.904	122	10236m	8.629	ng		
33) 4-Chloroaniline	8.198	127	105658	42.452	ng		99
34) Hexachlorobutadiene	8.251	225	58986	43.516	ng		98
35) Caprolactam	8.575	113	4645	8.028	ng		93
36) 4-Chloro-3-methylphenol	8.681	107	102658	46.321	ng		99
37) 2-Methylnaphthalene	8.834	142	240011	51.256	ng		100
38) 1-Methylnaphthalene	8.934	142	220139	47.976	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	103350	48.450	ng		99
41) Hexachlorocyclopentadiene	8.981	237	56248	97.914	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	64660	49.716	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	68669	48.296	ng		99
46) 1,1'-Biphenyl	9.298	154	293706	48.836	ng		99
47) 2-Chloronaphthalene	9.322	162	228487	51.083	ng		99
48) 2-Nitroaniline	9.428	65	84918	56.002	ng		98
49) Acenaphthylene	9.739	152	363120	57.240	ng		99
50) Dimethylphthalate	9.598	163	285566	58.159	ng		99
51) 2,6-Dinitrotoluene	9.669	165	60045	54.187	ng		91
52) Acenaphthene	9.910	154	218865	51.323	ng		100
53) 3-Nitroaniline	9.839	138	48077	41.969	ng		98
54) 2,4-Dinitrophenol	9.957	184	46662	91.477	ng		85
55) Dibenzofuran	10.081	168	327771	54.450	ng		98
56) 4-Nitrophenol	10.022	139	12177	17.677	ng		84
57) 2,4-Dinitrotoluene	10.075	165	77961	55.144	ng	#	83
58) Fluorene	10.428	166	261733	54.599	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	54013	49.689	ng		95
60) Diethylphthalate	10.292	149	266118	57.161	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	129483	54.921	ng		97
62) 4-Nitroaniline	10.457	138	51893	47.669	ng		87
63) Azobenzene	10.575	77	277975	53.835	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	39492	56.950	ng		95
66) n-Nitrosodiphenylamine	10.534	169	221330	62.296	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	73023	59.338	ng		97
68) Hexachlorobenzene	10.969	284	76202	59.972	ng		99
69) Atrazine	11.063	200	56996	62.178	ng		99
70) Pentachlorophenol	11.175	266	55358	96.657	ng		99
71) Phenanthrene	11.386	178	352010	60.144	ng		100
72) Anthracene	11.439	178	353263	61.269	ng		99
73) Carbazole	11.598	167	282421	56.774	ng		99
74) Di-n-butylphthalate	11.916	149	344363	61.581	ng		99
75) Fluoranthene	12.575	202	298063	54.551	ng		98
77) Benzidine	12.698	184	36554	23.257	ng		98
78) Pyrene	12.804	202	297795	48.132	ng		99
80) Butylbenzylphthalate	13.410	149	116002	58.550	ng		99
81) Benzo(a)anthracene	13.992	228	261757	57.846	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	75683	65.358	ng		99
83) Chrysene	14.027	228	235260	57.627	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	169753	58.511	ng		97
85) Di-n-octyl phthalate	14.574	149	300217	55.930	ng		100
87) Indeno(1,2,3-cd)pyrene	16.945	276	303838	54.218	ng		97
88) Benzo(b)fluoranthene	15.039	252	265194	54.707	ng		99
89) Benzo(k)fluoranthene	15.069	252	260439	62.052	ng		99
90) Benzo(a)pyrene	15.404	252	251607	61.706	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	246371	53.557	ng		98
92) Benzo(g,h,i)perylene	17.386	276	221389	46.378	ng		97

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

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