Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139042.D
Acq On : 16 Aug 2024 01:18
Operator : RC/JU
Sample : P3485-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 02:54:30 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	6.834	152	39463	20.000	ng		-0.01
21) Naphthalene-d8	8.116	136	158789	20.000	ng		-0.01
39) Acenaphthene-d10	9.869	164	78905	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	114018	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	69014	20.000	ng		# 0.00
86) Perylene-d12	15.463	264	63850	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	245717	96.116	ng		0.00
7) Phenol-d6	6.487	99	330607	96.322	ng		0.00
23) Nitrobenzene-d5	7.404	82	220865	68.005	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	57102	88.347	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	371068	70.658	ng		-0.02
79) Terphenyl-d14	12.933	244	265790	64.480	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	47260	42.225	ng		94
3) Pyridine	3.416	79	121647	44.867	ng		93
4) n-Nitrosodimethylamine	3.387	42	103310	63.978	ng		82
6) Aniline	6.504	93	90313	29.504	ng	#	2
8) 2-Chlorophenol	6.628	128	151781	56.431	ng		99
9) Benzaldehyde	6.398	77	5761	2.800	ng		98
10) Phenol	6.498	94	192692	53.321	ng		89
11) bis(2-Chloroethyl)ether	6.575	93	141494	50.880	ng		99
12) 1,3-Dichlorobenzene	6.775	146	157263	52.233	ng		97
13) 1,4-Dichlorobenzene	6.851	146	161307	53.089	ng		99
14) 1,2-Dichlorobenzene	7.004	146	153424	54.030	ng		99
15) Benzyl Alcohol	6.987	79	145551	58.836	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	255656	53.418	ng		51
17) 2-Methylphenol	7.104	107	119364	53.743	ng	#	84
18) Hexachloroethane	7.340	117	61909	54.129	ng		97
19) n-Nitroso-di-n-propyla...	7.251	70	117515	56.687	ng		94
20) 3+4-Methylphenols	7.257	107	163002	57.201	ng	#	86
22) Acetophenone	7.251	105	207029	53.249	ng		99
24) Nitrobenzene	7.422	77	179347	54.268	ng		98
25) Isophorone	7.663	82	307050	55.367	ng		98
26) 2-Nitrophenol	7.739	139	80058	56.305	ng		92
27) 2,4-Dimethylphenol	7.781	122	99140	58.277	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	177841	52.659	ng		98
29) 2,4-Dichlorophenol	7.987	162	122859	56.202	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	135476	53.702	ng		97
31) Naphthalene	8.139	128	445787	53.336	ng		100
32) Benzoic acid	7.934	122	46267	34.598	ng		95
33) 4-Chloroaniline	8.198	127	39905	14.223	ng		99
34) Hexachlorobutadiene	8.251	225	83669	54.757	ng		98
35) Caprolactam	8.575	113	34430m	52.784	ng		
36) 4-Chloro-3-methylphenol	8.692	107	137743	55.135	ng		100
37) 2-Methylnaphthalene	8.828	142	277361	52.544	ng		100
38) 1-Methylnaphthalene	8.928	142	257187	49.721	ng		100
40) 1,2,4,5-Tetrachloroben...	8.992	216	116375	53.094	ng		99
41) Hexachlorocyclopentadiene	8.975	237	49727	85.215	ng		96
43) 2,4,6-Trichlorophenol	9.116	196	74158	55.490	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	75945	51.982	ng		99
46) 1,1'-Biphenyl	9.292	154	324196	52.461	ng		99
47) 2-Chloronaphthalene	9.316	162	254700	55.417	ng		98
48) 2-Nitroaniline	9.428	65	93663	60.113	ng		95
49) Acenaphthylene	9.733	152	388588	59.612	ng		100
50) Dimethylphthalate	9.592	163	307725	60.993	ng		100
51) 2,6-Dinitrotoluene	9.663	165	63625	55.879	ng	#	82
52) Acenaphthene	9.904	154	238098	54.337	ng		100
53) 3-Nitroaniline	9.839	138	36224	30.774	ng		93
54) 2,4-Dinitrophenol	9.957	184	41798	79.745	ng		84
55) Dibenzofuran	10.075	168	350616	56.683	ng		96
56) 4-Nitrophenol	10.022	139	51357	72.554	ng		84
57) 2,4-Dinitrotoluene	10.075	165	83090	57.197	ng	#	78
58) Fluorene	10.422	166	273463	55.517	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	55894	50.042	ng	#	97
60) Diethylphthalate	10.292	149	288192	60.243	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	138439	57.145	ng		97
62) 4-Nitroaniline	10.451	138	52802m	47.204	ng		
63) Azobenzene	10.569	77	296254	55.837	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	36584	52.593	ng		96
66) n-Nitrosodiphenylamine	10.528	169	227324	63.784	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	72031	58.350	ng		95
68) Hexachlorobenzene	10.969	284	72964	57.245	ng		98
69) Atrazine	11.057	200	63328	68.872	ng		99
70) Pentachlorophenol	11.175	266	38509	67.029	ng		98
71) Phenanthrene	11.380	178	338797	57.707	ng		99
72) Anthracene	11.433	178	333669	57.691	ng		99
73) Carbazole	11.592	167	273490	54.808	ng		99
74) Di-n-butylphthalate	11.910	149	366593	65.352	ng		99
75) Fluoranthene	12.569	202	298672	54.493	ng		98
77) Benzidine	12.698	184	51142	30.982	ng		99
78) Pyrene	12.798	202	297308	45.755	ng		99
80) Butylbenzylphthalate	13.410	149	126015	60.561	ng		98
81) Benzo(a)anthracene	13.986	228	286970	60.384	ng		98
82) 3,3'-Dichlorobenzidine	13.951	252	50933	41.880	ng		98
83) Chrysene	14.027	228	239496	55.858	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	177935	58.397	ng		98
85) Di-n-octyl phthalate	14.574	149	309089	54.828	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	173897	38.004	ng		96
88) Benzo(b)fluoranthene	15.039	252	242884	61.364	ng		98
89) Benzo(k)fluoranthene	15.068	252	221660	64.681	ng		98
90) Benzo(a)pyrene	15.404	252	200029	60.081	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	139809	37.222	ng		97
92) Benzo(g,h,i)perylene	17.380	276	123748	31.749	ng		96

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

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