Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125491.D
Acq On : 15 Sep 2021 00:24
Operator : JU/CG
Sample : M3720-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

Manual Integrations APPROVED
mohammad
9/15/2021 4:27:26 PM

Quant Time: Sep 15 08:26:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 17:17:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	150621	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	586122	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	308476	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	503550	20.000	ng		0.00
76) Chrysene-d12	14.057	240	262712	20.000	ng	#	0.00
86) Perylene-d12	15.545	264	322744	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	857796	86.200	ng		0.00
7) Phenol-d6	6.516	99	1107766	86.073	ng		0.00
23) Nitrobenzene-d5	7.445	82	732140	62.886	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	237881	77.252	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1294906	58.505	ng		0.00
79) Terphenyl-d14	12.992	244	1029397	62.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	165584	33.721	ng	#	100
3) Pyridine	3.475	79	385094	29.708	ng	#	91
4) n-Nitrosodimethylamine	3.440	42	238344	36.744	ng	#	37
6) Aniline	6.539	93	396037	26.197	ng	#	88
8) 2-Chlorophenol	6.663	128	404748	39.871	ng		81
9) Benzaldehyde	6.428	77	269337	29.820	ng		91
10) Phenol	6.534	94	525654	39.001	ng		74
11) bis(2-Chloroethyl)ether	6.610	93	420922	39.655	ng		87
12) 1,3-Dichlorobenzene	6.816	146	446449	37.952	ng		97
13) 1,4-Dichlorobenzene	6.892	146	452049	38.566	ng		98
14) 1,2-Dichlorobenzene	7.045	146	431063	39.089	ng		97
15) Benzyl Alcohol	7.022	79	371016	37.442	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	760661	35.733	ng		92
17) 2-Methylphenol	7.134	107	350459	41.097	ng	#	93
18) Hexachloroethane	7.386	117	163653	39.871	ng	#	86
19) n-Nitroso-di-n-propyla...	7.292	70	292464	37.780	ng	#	76
20) 3+4-Methylphenols	7.286	107	398372	37.215	ng	#	56
22) Acetophenone	7.286	105	556296	36.878	ng	#	88
24) Nitrobenzene	7.463	77	472955	37.282	ng		89
25) Isophorone	7.698	82	831126	37.006	ng	#	90
26) 2-Nitrophenol	7.781	139	217600	42.957	ng	#	84
27) 2,4-Dimethylphenol	7.816	122	357124	40.271	ng		88
28) bis(2-Chloroethoxy)met...	7.904	93	520623	41.866	ng	#	96
29) 2,4-Dichlorophenol	8.022	162	353810	39.121	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	379694	38.500	ng		97
31) Naphthalene	8.181	128	1113871	37.107	ng		99
33) 4-Chloroaniline	8.233	127	232188	19.621	ng	#	93
34) Hexachlorobutadiene	8.292	225	244623	38.900	ng		99
35) Caprolactam	8.604	113	80425m	34.333	ng		
36) 4-Chloro-3-methylphenol	8.722	107	369150	39.983	ng		91
37) 2-Methylnaphthalene	8.875	142	770762	38.857	ng		98
38) 1-Methylnaphthalene	8.975	142	711567	38.415	ng		95
40) 1,2,4,5-Tetrachloroben...	9.039	216	400000	39.689	ng		97
41) Hexachlorocyclopentadiene	9.022	237	294683	55.652	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	229832	32.387	ng		96
44) 2,4,5-Trichlorophenol	9.204	196	233126	31.225	ng	#	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	895752	36.018	ng		98
47) 2-Chloronaphthalene	9.363	162	750377	37.129	ng		98
48) 2-Nitroaniline	9.463	65	273112	43.595	ng	#	81
49) Acenaphthylene	9.780	152	1118755	37.989	ng		98
50) Dimethylphthalate	9.639	163	877750	41.060	ng	#	97
51) 2,6-Dinitrotoluene	9.704	165	192363	41.499	ng	#	79
52) Acenaphthene	9.951	154	661993	36.260	ng		98
53) 3-Nitroaniline	9.875	138	157131	31.434	ng	#	77
54) 2,4-Dinitrophenol	9.998	184	11781	6.434	ng	#	84
55) Dibenzofuran	10.127	168	960528	36.558	ng		97
56) 4-Nitrophenol	10.045	139	158015	39.918	ng	#	77
57) 2,4-Dinitrotoluene	10.110	165	247064	44.039	ng	#	98
58) Fluorene	10.469	166	759262	39.087	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	130332	23.523	ng	#	84
60) Diethylphthalate	10.339	149	825007	39.587	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	388424	39.549	ng	#	87
62) 4-Nitroaniline	10.492	138	188549	41.946	ng	#	84
63) Azobenzene	10.616	77	834785	35.712	ng		91
65) 4,6-Dinitro-2-methylph...	10.522	198	33777	12.674	ng		88
66) n-Nitrosodiphenylamine	10.580	169	715092	39.660	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	261708	43.281	ng	#	88
68) Hexachlorobenzene	11.016	284	265708	42.715	ng	#	86
69) Atrazine	11.104	200	222261	42.958	ng		91
70) Pentachlorophenol	11.216	266	82226	22.639	ng		93
71) Phenanthrene	11.433	178	1396021	50.315	ng		97
72) Anthracene	11.486	178	1144865	41.863	ng		98
73) Carbazole	11.639	167	902651	36.119	ng		99
74) Di-n-butylphthalate	11.963	149	1114483	37.580	ng		100
75) Fluoranthene	12.627	202	1492362	54.207	ng		96
77) Benzidine	12.745	184	310287	33.818	ng		98
78) Pyrene	12.857	202	1369567	60.774	ng		97
80) Butylbenzylphthalate	13.463	149	341323	38.546	ng		92
81) Benzo(a)anthracene	14.045	228	1062111	56.111	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	145628	24.819	ng	#	98
83) Chrysene	14.080	228	981168	52.414	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	462000	37.961	ng		99
85) Di-n-octyl phthalate	14.639	149	816815	40.353	ng		98
87) Indeno(1,2,3-cd)pyrene	17.056	276	1039032	44.688	ng	#	88
88) Benzo(b)fluoranthene	15.109	252	1285876	54.535	ng	#	94
89) Benzo(k)fluoranthene	15.139	252	854744	38.847	ng		99
90) Benzo(a)pyrene	15.486	252	1082283m	51.962	ng		
91) Dibenzo(a,h)anthracene	17.068	278	801848m	39.896	ng		
92) Benzo(g,h,i)perylene	17.509	276	827385	42.695	ng	#	87

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

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