Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122609.D
Acq On : 9 Dec 2020 13:02
Operator : JU/CG
Sample : L4968-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSD-SOILMSD

Manual Integrations APPROVED
mohammad
12/18/2020 10:22:52 AM

Quant Time: Dec 09 13:56:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	181586	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	703718	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	367969	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	652160	20.00	ng		0.00
76) Chrysene-d12	14.004	240	450006	20.00	ng		0.00
86) Perylene-d12	15.462	264	451882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	872480	76.07	ng		0.00
7) Phenol-d6	6.475	99	1088975	71.59	ng		0.00
23) Nitrobenzene-d5	7.404	82	686795	48.90	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	282672	58.69	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1267887	46.60	ng		0.00
79) Terphenyl-d14	12.951	244	1225297	47.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	211543	39.24	ng		99
3) Pyridine	3.410	79	582302	40.86	ng		98
4) n-Nitrosodimethylamine	3.369	42	245452	42.95	ng		100
6) Aniline	6.498	93	358274	20.01	ng		96
8) 2-Chlorophenol	6.628	128	554929	43.90	ng		95
9) Benzaldehyde	6.387	77	255450	27.74	ng		98
10) Phenol	6.487	94	681975	43.27	ng		92
11) bis(2-Chloroethyl)ether	6.575	93	517614	42.98	ng		99
12) 1,3-Dichlorobenzene	6.781	146	603063	40.31	ng		98
13) 1,4-Dichlorobenzene	6.857	146	607404	40.27	ng		98
14) 1,2-Dichlorobenzene	7.010	146	585948	40.24	ng		99
15) Benzyl Alcohol	6.987	79	465585	44.45	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	676017	39.37	ng		99
17) 2-Methylphenol	7.098	107	448171	44.60	ng		98
18) Hexachloroethane	7.351	117	220918	41.10	ng		94
19) n-Nitroso-di-n-propyla...	7.257	70	362468	41.60	ng		99
20) 3+4-Methylphenols	7.251	107	521304	41.06	ng	#	88
22) Acetophenone	7.251	105	690143	39.44	ng		97
24) Nitrobenzene	7.422	77	568192	40.66	ng		99
25) Isophorone	7.663	82	1008492	41.69	ng		99
26) 2-Nitrophenol	7.739	139	278196	40.82	ng		97
27) 2,4-Dimethylphenol	7.781	122	469552	47.01	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	645963	38.99	ng		99
29) 2,4-Dichlorophenol	7.986	162	465861	39.94	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	506724	38.34	ng		98
31) Naphthalene	8.145	128	1549965	39.91	ng		100
33) 4-Chloroaniline	8.192	127	194909	12.01	ng		99
34) Hexachlorobutadiene	8.263	225	302003	37.13	ng		99
35) Caprolactam	8.569	113	123473m	35.15	ng		
36) 4-Chloro-3-methylphenol	8.681	107	471878	41.07	ng		98
37) 2-Methylnaphthalene	8.839	142	1030732	40.13	ng		99
38) 1-Methylnaphthalene	8.939	142	963607	39.65	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	485481	39.83	ng		99
41) Hexachlorocyclopentadiene	8.992	237	485454	90.09	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	305741	36.32	ng		99
44) 2,4,5-Trichlorophenol	9.157	196	322882	37.11	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.304	154	1230841	40.30	ng	99
47) 2-Chloronaphthalene	9.328	162	988892	39.08	ng	99
48) 2-Nitroaniline	9.422	65	286875	38.89	ng	93
49) Acenaphthylene	9.745	152	1499481	40.12	ng	100
50) Dimethylphthalate	9.604	163	1230444	41.87	ng	99
51) 2,6-Dinitrotoluene	9.669	165	264645	42.64	ng	94
52) Acenaphthene	9.916	154	897168	37.10	ng	99
53) 3-Nitroaniline	9.833	138	156073	21.76	ng	99
54) 2,4-Dinitrophenol	9.939	184	22389	7.38	ng	92
55) Dibenzofuran	10.086	168	1357691	39.92	ng	100
56) 4-Nitrophenol	9.998	139	315231	61.64	ng	91
57) 2,4-Dinitrotoluene	10.069	165	341624	41.32	ng	96
58) Fluorene	10.427	166	1033360	38.20	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	225443	29.49	ng	99
60) Diethylphthalate	10.304	149	1104467	38.64	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	502454	37.72	ng	97
62) 4-Nitroaniline	10.445	138	262244	36.02	ng	98
63) Azobenzene	10.580	77	1028708	39.15	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	42882	10.78	ng	96
66) n-Nitrosodiphenylamine	10.539	169	936096	40.62	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	343427	38.86	ng	94
68) Hexachlorobenzene	10.980	284	375846	38.47	ng	94
69) Atrazine	11.069	200	265258	35.45	ng	99
70) Pentachlorophenol	11.174	266	219434	42.39	ng	98
71) Phenanthrene	11.392	178	1520827	39.24	ng	100
72) Anthracene	11.445	178	1567065	40.77	ng	99
73) Carbazole	11.598	167	1377663	39.53	ng	99
74) Di-n-butylphthalate	11.927	149	1640365	37.45	ng	100
75) Fluoranthene	12.580	202	1519320	37.38	ng	99
77) Benzidine	12.698	184	305846	31.42	ng	97
78) Pyrene	12.810	202	1508580	43.36	ng	99
80) Butylbenzylphthalate	13.427	149	634632	40.50	ng	96
81) Benzo(a)anthracene	13.998	228	1201335	39.95	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	184315	17.11	ng	97
83) Chrysene	14.033	228	1189864	39.76	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	833792	38.85	ng	99
85) Di-n-octyl phthalate	14.598	149	1348625	37.88	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1420270	47.88	ng	99
88) Benzo(b)fluoranthene	15.045	252	1194551	37.68	ng	99
89) Benzo(k)fluoranthene	15.074	252	1135565	39.17	ng	99
90) Benzo(a)pyrene	15.409	252	1087680	39.21	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	1163559	47.93	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1233586	52.50	ng	99

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

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