Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122387.D
Acq On : 19 Nov 2020 18:37
Operator : JU/CG
Sample : L4776-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ND-SOILMS

Manual Integrations APPROVED
mohammad
11/24/2020 8:54:15 AM

Quant Time: Nov 20 00:02:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	112	20.00	ng	# 0.02
21) Naphthalene-d8	8.175	136	132	20.00	ng	# 0.02
39) Acenaphthene-d10	10.057	164	82316	20.00	ng	# 0.15
64) Phenanthrene-d10	11.445	188	701	20.00	ng	# 0.05
76) Chrysene-d12	14.239	240	2419	20.00	ng	# 0.21
86) Perylene-d12	0.000	264	0	0.00	ng	-15.50
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1637450	224492.51	ng	0.02
7) Phenol-d6	6.493	99	1985439	208072.16	ng	0.00
23) Nitrobenzene-d5	7.434	82	1447423	671294.31	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	794564	899.36	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2622295	497.74	ng	0.00
79) Terphenyl-d14	12.980	244	3280327	28728.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	271589	81190.83	ng	# 75
3) Pyridine	3.493	79	274032	29786.59	ng	87
4) n-Nitrosodimethylamine	3.434	42	345248	79604.92	ng	88
6) Aniline	6.528	93	315376	25189.57	ng	96
8) 2-Chlorophenol	6.651	128	779092	102995.90	ng	91
9) Benzaldehyde	6.416	77	97053	Below Cal		91
10) Phenol	6.510	94	818895	87147.17	ng	# 74
11) bis(2-Chloroethyl)ether	6.604	93	742653	99433.74	ng	93
12) 1,3-Dichlorobenzene	6.810	146	832646	96959.21	ng	97
13) 1,4-Dichlorobenzene	6.887	146	845765	98041.40	ng	98
14) 1,2-Dichlorobenzene	7.040	146	813439	101037.19	ng	99
15) Benzyl Alcohol	7.010	79	673270	99241.31	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1030379	94651.10	ng	96
17) 2-Methylphenol	7.116	107	621640	98463.50	ng	98
18) Hexachloroethane	7.381	117	297082	98890.30	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	554326	97212.97	ng	90
20) 3+4-Methylphenols	7.269	107	741454	95430.92	ng	# 81
22) Acetophenone	7.275	105	1012337	294434.50	ng	# 91
24) Nitrobenzene	7.451	77	827559	335457.45	ng	94
25) Isophorone	7.692	82	1490470	310072.01	ng	96
26) 2-Nitrophenol	7.763	139	401995	322055.50	ng	97
27) 2,4-Dimethylphenol	7.804	122	690385	304507.15	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	929345	316101.44	ng	98
29) 2,4-Dichlorophenol	8.004	162	686298	341896.69	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	711398	321100.28	ng	95
31) Naphthalene	8.175	128	2210939	315045.15	ng	98
32) Benzoic acid	7.916	122	308654	205142.99	ng	98
33) 4-Chloroaniline	8.216	127	181931	59525.65	ng	94
34) Hexachlorobutadiene	8.292	225	421264	330822.14	ng	99
35) Caprolactam	8.592	113	191305m	300675.65	ng	
36) 4-Chloro-3-methylphenol	8.698	107	713323	340707.22	ng	97
37) 2-Methylnaphthalene	8.863	142	1506722	324979.09	ng	99
38) 1-Methylnaphthalene	8.963	142	1410259	324950.75	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	690750	272.32	ng	99
41) Hexachlorocyclopentadiene	9.022	237	802835	541.32	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	500782m	304.00	ng	

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44) 2,4,5-Trichlorophenol	9.181	196	549278	318.07	ng		98
46) 1,1'-Biphenyl	9.334	154	1794367	273.85	ng		97
47) 2-Chloronaphthalene	9.357	162	1421362	273.32	ng		96
48) 2-Nitroaniline	9.445	65	451248	265.08	ng		94
49) Acenaphthylene	9.775	152	2221888	277.98	ng		99
50) Dimethylphthalate	9.633	163	1910532	326.53	ng		99
51) 2,6-Dinitrotoluene	9.692	165	412114	295.15	ng	#	79
52) Acenaphthene	9.945	154	1546421	312.58	ng		100
53) 3-Nitroaniline	9.851	138	175253	112.97	ng		96
54) 2,4-Dinitrophenol	9.963	184	356137	259.76	ng		92
55) Dibenzofuran	10.116	168	2062766	284.58	ng		99
56) 4-Nitrophenol	10.022	139	647036	478.15	ng		96
57) 2,4-Dinitrotoluene	10.092	165	560022	312.48	ng		93
58) Fluorene	10.457	166	1566629	282.25	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	489304	340.71	ng		96
60) Diethylphthalate	10.333	149	1724689	300.48	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	764530	291.79	ng		97
62) 4-Nitroaniline	10.475	138	425862	276.21	ng		99
63) Azobenzene	10.610	77	1643690	272.96	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	264057	3152.23	ng		86
66) n-Nitrosodiphenylamine	10.569	169	1475664	61784.32	ng		93
67) 4-Bromophenyl-phenylether	10.939	248	544031	66042.88	ng		97
68) Hexachlorobenzene	11.004	284	588063	66073.92	ng		97
69) Atrazine	11.092	200	438805	73771.69	ng		98
70) Pentachlorophenol	11.198	266	719537	140325.62	ng		97
71) Phenanthrene	11.422	178	2478014m	62303.90	ng		
72) Anthracene	11.469	178	2543039	62038.75	ng		98
73) Carbazole	11.622	167	2356874	63202.29	ng		99
74) Di-n-butylphthalate	11.957	149	2656867	66831.65	ng		99
75) Fluoranthene	12.610	202	2739472	65975.99	ng		97
77) Benzidine	12.722	184	238525m	3555.12	ng		
78) Pyrene	12.839	202	2751172	16188.69	ng		98
80) Butylbenzylphthalate	13.457	149	1229956	16814.46	ng		93
81) Benzo(a)anthracene	14.021	228	2478346m	16473.86	ng		
82) 3,3'-Dichlorobenzidine	13.980	252	390566	6966.48	ng		99
83) Chrysene	14.063	228	2571145	16968.23	ng		97
84) Bis(2-ethylhexyl)phtha...	14.016	149	1539274	18785.12	ng	#	97
85) Di-n-octyl phthalate	14.627	149	2783113	20040.45	ng		97

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

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