Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
Data File : BF124323.D
Acq On : 15 Jun 2021 15:17
Operator : JU/CG
Sample : M2673-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
17-B6(88-92)MS

Manual Integrations APPROVED
mohammad
6/16/2021 3:53:40 PM

Quant Time: Jun 15 15:50:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 15:00:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	36521	20.00	ng		0.00
21) Naphthalene-d8	8.069	136	136501	20.00	ng		0.00
39) Acenaphthene-d10	9.828	164	78363	20.00	ng		0.00
64) Phenanthrene-d10	11.316	188	147582	20.00	ng		0.00
76) Chrysene-d12	13.963	240	71510	20.00	ng		0.00
86) Perylene-d12	15.415	264	77238	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	279620	115.26	ng		0.02
7) Phenol-d6	6.445	99	317588	97.39	ng		0.00
23) Nitrobenzene-d5	7.357	82	287727	83.60	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	129989	117.08	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	539013	86.56	ng		0.00
79) Terphenyl-d14	12.904	244	499110	95.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	38692	36.44	ng	#	73
3) Pyridine	3.416	79	48393m	17.80	ng		
4) n-Nitrosodimethylamine	3.293	42	61184	37.87	ng		90
6) Aniline	6.522	93	109995	29.53	ng	#	53
8) 2-Chlorophenol	6.587	128	112193	41.56	ng		97
9) Benzaldehyde	6.340	77	66255	45.71	ng		87
10) Phenol	6.463	94	118935	33.75	ng		90
11) bis(2-Chloroethyl)ether	6.522	93	109995	42.81	ng		94
12) 1,3-Dichlorobenzene	6.728	146	116484	36.91	ng		92
13) 1,4-Dichlorobenzene	6.804	146	119582	37.78	ng		95
14) 1,2-Dichlorobenzene	6.957	146	115764	38.23	ng		97
15) Benzyl Alcohol	6.940	79	68730	23.38	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.063	45	154256	38.49	ng	#	1
17) 2-Methylphenol	7.063	107	90758	41.36	ng	#	78
18) Hexachloroethane	7.298	117	45715	36.67	ng	#	87
19) n-Nitroso-di-n-propyla...	7.210	70	96857	42.07	ng	#	83
20) 3+4-Methylphenols	7.222	107	117002	40.24	ng	#	67
22) Acetophenone	7.198	105	178956	45.99	ng	#	91
24) Nitrobenzene	7.375	77	145042	42.01	ng		95
25) Isophorone	7.616	82	241024	38.86	ng	#	96
26) 2-Nitrophenol	7.692	139	64205	41.63	ng		92
27) 2,4-Dimethylphenol	7.740	122	99646	45.82	ng		94
28) bis(2-Chloroethoxy)met...	7.822	93	140628	45.74	ng		99
29) 2,4-Dichlorophenol	7.957	162	107309	42.64	ng		86
30) 1,2,4-Trichlorobenzene	8.010	180	112910	40.04	ng		96
31) Naphthalene	8.092	128	324743	39.79	ng		99
32) Benzoic acid	7.863	122	19061	14.28	ng		95
33) 4-Chloroaniline	8.216	127	15186m	5.00	ng		
34) Hexachlorobutadiene	8.210	225	71272	35.78	ng		97
35) Caprolactam	8.539	113	22244m	32.18	ng		
36) 4-Chloro-3-methylphenol	8.651	107	107360	38.99	ng		93
37) 2-Methylnaphthalene	8.787	142	238502	41.67	ng		94
38) 1-Methylnaphthalene	8.886	142	217620	40.69	ng		96
40) 1,2,4,5-Tetrachloroben...	8.951	216	126415	45.53	ng		99
41) Hexachlorocyclopentadiene	8.939	237	123742	81.96	ng		94
43) 2,4,6-Trichlorophenol	9.075	196	79850	44.10	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	81501	41.93	ng		94
46) 1,1'-Biphenyl	9.251	154	299718	45.31	ng		98
47) 2-Chloronaphthalene	9.275	162	231569	43.01	ng		99
48) 2-Nitroaniline	9.381	65	85684	44.10	ng		94
49) Acenaphthylene	9.692	152	345457	44.14	ng		96
50) Dimethylphthalate	9.557	163	311436	48.04	ng		97
51) 2,6-Dinitrotoluene	9.622	165	62898	42.31	ng	#	82
52) Acenaphthene	9.863	154	219791	43.00	ng		97
53) 3-Nitroaniline	9.792	138	25337	18.21	ng		95
54) 2,4-Dinitrophenol	9.910	184	46976	62.61	ng	#	78
55) Dibenzofuran	10.033	168	346827	43.35	ng		99
56) 4-Nitrophenol	9.981	139	60656	61.00	ng		96
57) 2,4-Dinitrotoluene	10.028	165	87342	44.55	ng	#	90
58) Fluorene	10.381	166	270162	43.99	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.163	232	65263	41.43	ng		93
60) Diethylphthalate	10.257	149	292192	44.66	ng		96
61) 4-Chlorophenyl-phenyle...	10.369	204	137423	43.76	ng		98
62) 4-Nitroaniline	10.416	138	51213	36.61	ng		88
63) Azobenzene	10.528	77	281509	41.27	ng		95
65) 4,6-Dinitro-2-methylph...	10.439	198	38391	32.37	ng	#	79
66) n-Nitrosodiphenylamine	10.492	169	237606	42.37	ng		96
67) 4-Bromophenyl-phenylether	10.857	248	86586	42.74	ng		91
68) Hexachlorobenzene	10.928	284	96489	42.05	ng		98
69) Atrazine	11.028	200	73735	46.45	ng		95
70) Pentachlorophenol	11.128	266	47223	41.45	ng		99
71) Phenanthrene	11.339	178	389860	42.29	ng		99
72) Anthracene	11.392	178	395629	42.61	ng		98
73) Carbazole	11.551	167	305258	37.73	ng		96
74) Di-n-butylphthalate	11.880	149	423790	40.76	ng		99
75) Fluoranthene	12.533	202	354136	36.60	ng		97
77) Benzidine	12.651	184	22364	16.34	ng	#	93
78) Pyrene	12.763	202	337638	49.17	ng		97
80) Butylbenzylphthalate	13.374	149	122035	43.81	ng		99
81) Benzo(a)anthracene	13.951	228	223168	42.84	ng		98
82) 3,3'-Dichlorobenzidine	13.910	252	31368	20.52	ng	#	92
83) Chrysene	13.986	228	214688	42.71	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	159953	48.27	ng		95
85) Di-n-octyl phthalate	14.551	149	248411	56.17	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.874	276	272973	42.96	ng		96
88) Benzo(b)fluoranthene	14.998	252	240144	40.02	ng		99
89) Benzo(k)fluoranthene	15.027	252	223024	39.27	ng		99
90) Benzo(a)pyrene	15.357	252	230743	44.28	ng		98
91) Dibenzo(a,h)anthracene	16.886	278	228266	42.17	ng		97
92) Benzo(g,h,i)perylene	17.309	276	217220	40.75	ng		96

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

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