Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
Data File : BF124605.D
Acq On : 16 Jul 2021 20:04
Operator : JU/CG
Sample : M3029-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVR-CF01-01MS

Manual Integrations APPROVED
mohammad
7/19/2021 11:54:52 AM

Quant Time: Jul 16 23:08:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	6652	20.00	ng	0.00
21) Naphthalene-d8	8.210	136	26411	20.00	ng	# 0.00
39) Acenaphthene-d10	9.969	164	13879	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	21860	20.00	ng	0.00
76) Chrysene-d12	14.098	240	11417	20.00	ng	0.00
86) Perylene-d12	15.592	264	10467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	37987	98.94	ng	0.00
7) Phenol-d6	6.545	99	43631	93.42	ng	0.00
23) Nitrobenzene-d5	7.492	82	27444	65.60	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	9819	90.91	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	48043	50.48	ng	0.00
79) Terphenyl-d14	13.039	244	27025	39.75	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	6020	46.99	ng	# 100
3) Pyridine	3.540	79	13147	40.82	ng	95
4) n-Nitrosodimethylamine	3.504	42	13999	53.47	ng	95
6) Aniline	6.587	93	23116	46.97	ng	97
8) 2-Chlorophenol	6.710	128	23255	54.03	ng	98
9) Benzaldehyde	6.475	77	11752	42.89	ng	93
10) Phenol	6.563	94	25044	54.92	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	20143	56.98	ng	97
12) 1,3-Dichlorobenzene	6.869	146	25714	54.58	ng	98
13) 1,4-Dichlorobenzene	6.945	146	25862	53.75	ng	99
14) 1,2-Dichlorobenzene	7.098	146	24613	53.82	ng	98
15) Benzyl Alcohol	7.063	79	16405	50.76	ng	89
16) 2,2'-oxybis(1-Chloropr...	7.198	45	34598	56.78	ng	97
17) 2-Methylphenol	7.175	107	17317	54.96	ng	99
18) Hexachloroethane	7.440	117	9370	51.71	ng	90
19) n-Nitroso-di-n-propyla...	7.345	70	14815	56.42	ng	95
20) 3+4-Methylphenols	7.328	107	22648	54.60	ng	96
22) Acetophenone	7.340	105	31877	53.18	ng	98
24) Nitrobenzene	7.510	77	20990	50.60	ng	99
25) Isophorone	7.751	82	38913	50.67	ng	99
26) 2-Nitrophenol	7.828	139	13005	58.11	ng	99
27) 2,4-Dimethylphenol	7.857	122	22489	60.65	ng	92
28) bis(2-Chloroethoxy)met...	7.957	93	25227	56.31	ng	98
29) 2,4-Dichlorophenol	8.063	162	20061	52.45	ng	96
30) 1,2,4-Trichlorobenzene	8.151	180	21494	50.78	ng	98
31) Naphthalene	8.234	128	71556	52.38	ng	98
32) Benzoic acid	7.981	122	13234	47.10	ng	90
33) 4-Chloroaniline	8.275	127	18709	36.24	ng	99
34) Hexachlorobutadiene	8.345	225	12608	52.77	ng	97
35) Caprolactam	8.663	113	5694m	58.85	ng	
36) 4-Chloro-3-methylphenol	8.757	107	19190	50.74	ng	97
37) 2-Methylnaphthalene	8.928	142	49419	53.61	ng	98
38) 1-Methylnaphthalene	9.028	142	44303	51.18	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	20453	55.25	ng	97
41) Hexachlorocyclopentadiene	9.081	237	25605	110.73	ng	97
43) 2,4,6-Trichlorophenol	9.198	196	14886	55.70	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	15777	57.24	ng		90
46) 1,1'-Biphenyl	9.392	154	57388	54.44	ng		99
47) 2-Chloronaphthalene	9.416	162	45522	55.08	ng		99
48) 2-Nitroaniline	9.510	65	12489	62.84	ng		94
49) Acenaphthylene	9.833	152	71033	55.08	ng		99
50) Dimethylphthalate	9.692	163	55812	57.80	ng	#	96
51) 2,6-Dinitrotoluene	9.751	165	11509	60.46	ng	#	85
52) Acenaphthene	10.004	154	48581	58.91	ng		98
53) 3-Nitroaniline	9.922	138	10021	47.18	ng		95
54) 2,4-Dinitrophenol	10.028	184	11635	117.13	ng		90
55) Dibenzofuran	10.181	168	64469	53.17	ng		98
56) 4-Nitrophenol	10.081	139	17114	96.80	ng		92
57) 2,4-Dinitrotoluene	10.157	165	15502	59.48	ng	#	87
58) Fluorene	10.522	166	48978	52.22	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	11415	53.63	ng	#	97
60) Diethylphthalate	10.392	149	57344	56.80	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	24106	56.63	ng		95
62) 4-Nitroaniline	10.539	138	10970	51.24	ng		84
63) Azobenzene	10.669	77	46126	52.27	ng		98
65) 4,6-Dinitro-2-methylph...	10.563	198	7188	57.56	ng		85
66) n-Nitrosodiphenylamine	10.633	169	42538	59.76	ng		95
67) 4-Bromophenyl-phenylether	11.004	248	13677	60.51	ng		95
68) Hexachlorobenzene	11.069	284	13391	57.82	ng	#	86
69) Atrazine	11.157	200	12555	57.59	ng		90
70) Pentachlorophenol	11.257	266	14930	101.92	ng		92
71) Phenanthrene	11.486	178	63510	53.25	ng		98
72) Anthracene	11.533	178	63652	53.20	ng		99
73) Carbazole	11.686	167	50084	45.30	ng		99
74) Di-n-butylphthalate	12.016	149	80720	54.20	ng		100
75) Fluoranthene	12.674	202	52874	43.94	ng		96
77) Benzidine	12.786	184	4449	10.42	ng	#	96
78) Pyrene	12.904	202	50857	53.62	ng		97
80) Butylbenzylphthalate	13.516	149	25378	55.33	ng		97
81) Benzo(a)anthracene	14.086	228	41093	54.27	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	13917	70.17	ng		96
83) Chrysene	14.127	228	40849	56.32	ng		96
84) Bis(2-ethylhexyl)phtha...	14.074	149	38579	62.65	ng		99
85) Di-n-octyl phthalate	14.692	149	68479	76.86	ng		98
87) Indeno(1,2,3-cd)pyrene	17.109	276	29804	49.10	ng		98
88) Benzo(b)fluoranthene	15.157	252	40572	54.00	ng		98
89) Benzo(k)fluoranthene	15.186	252	39042	56.64	ng	#	96
90) Benzo(a)pyrene	15.533	252	36866	59.45	ng		98
91) Dibenzo(a,h)anthracene	17.133	278	24301	47.03	ng		99
92) Benzo(g,h,i)perylene	17.574	276	22724	45.05	ng		92

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

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