Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022521\
Data File : BF123299.D
Acq On : 25 Feb 2021 15:05
Operator : JU/CG
Sample : PB134816BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 25 15:35:07 2021
Quant Title :
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB134816BS

Manual Integrations APPROVED
mohammad
2/26/2021 10:42:46 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	113003	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	450974	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	228170	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	431411	20.00	ng		0.00
76) Chrysene-d12	14.039	240	350894	20.00	ng		0.00
86) Perylene-d12	15.509	264	306588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	861344	109.72	ng		0.02
7) Phenol-d6	6.492	99	1133584	106.28	ng		0.00
23) Nitrobenzene-d5	7.422	82	660413	67.04	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	253308	109.03	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1066543	67.14	ng		0.00
79) Terphenyl-d14	12.980	244	1103663	60.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	147710	32.60	ng		91
3) Pyridine	3.457	79	396838	35.95	ng		95
4) n-Nitrosodimethylamine	3.410	42	191800	37.57	ng	#	83
6) Aniline	6.522	93	395842	31.42	ng		95
8) 2-Chlorophenol	6.645	128	344727	40.87	ng		93
9) Benzaldehyde	6.404	77	150492	24.32	ng		89
10) Phenol	6.510	94	469630	40.40	ng		93
11) bis(2-Chloroethyl)ether	6.592	93	344174	41.28	ng		97
12) 1,3-Dichlorobenzene	6.798	146	369117	42.07	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	368940	41.26	ng		95
14) 1,2-Dichlorobenzene	7.028	146	351359	42.24	ng		96
15) Benzyl Alcohol	6.998	79	333884	40.15	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.134	45	464273	40.60	ng		99
17) 2-Methylphenol	7.116	107	296336	41.77	ng		93
18) Hexachloroethane	7.369	117	145851	45.16	ng		92
19) n-Nitroso-di-n-propyla...	7.269	70	264629	41.70	ng		92
20) 3+4-Methylphenols	7.263	107	363475	39.02	ng	#	85
22) Acetophenone	7.263	105	499094	42.67	ng	#	89
24) Nitrobenzene	7.439	77	417726	40.22	ng		90
25) Isophorone	7.681	82	719468	39.05	ng		97
26) 2-Nitrophenol	7.757	139	182097	41.85	ng		89
27) 2,4-Dimethylphenol	7.792	122	282966	42.01	ng		90
28) bis(2-Chloroethoxy)met...	7.886	93	426134	44.20	ng		98
29) 2,4-Dichlorophenol	7.998	162	273746	39.36	ng		92
30) 1,2,4-Trichlorobenzene	8.081	180	309128	40.88	ng		99
31) Naphthalene	8.163	128	987484	39.95	ng		99
32) Benzoic acid	7.928	122	190335	38.31	ng		88
33) 4-Chloroaniline	8.210	127	227483	22.62	ng	#	91
34) Hexachlorobutadiene	8.281	225	173338	40.64	ng		98
35) Caprolactam	8.580	113	93234m	39.95	ng		
36) 4-Chloro-3-methylphenol	8.698	107	335763	40.61	ng		91
37) 2-Methylnaphthalene	8.857	142	659797	40.08	ng		98
38) 1-Methylnaphthalene	8.957	142	616000	40.00	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	290604	42.62	ng	#	97
41) Hexachlorocyclopentadiene	9.010	237	287285	89.94	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	190721	39.44	ng		96
44) 2,4,5-Trichlorophenol	9.175	196	202821	39.19	ng	#	89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.322	154	796990	42.11	ng		98
47) 2-Chloronaphthalene	9.345	162	604164	40.45	ng		98
48) 2-Nitroaniline	9.439	65	227075	42.44	ng	#	74
49) Acenaphthylene	9.763	152	914724	40.38	ng		99
50) Dimethylphthalate	9.622	163	699927	41.02	ng		99
51) 2,6-Dinitrotoluene	9.680	165	160750	40.88	ng	#	68
52) Acenaphthene	9.933	154	702035m	44.95	ng		
53) 3-Nitroaniline	9.851	138	118687	27.19	ng	#	79
54) 2,4-Dinitrophenol	9.963	184	171259	82.91	ng		86
55) Dibenzofuran	10.110	168	821810	38.86	ng		96
56) 4-Nitrophenol	10.022	139	255429	73.44	ng	#	63
57) 2,4-Dinitrotoluene	10.086	165	219642	41.54	ng	#	82
58) Fluorene	10.451	166	665318	39.98	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	170799	41.37	ng	#	85
60) Diethylphthalate	10.322	149	682473	40.39	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	323542	40.84	ng		92
62) 4-Nitroaniline	10.474	138	169750	38.64	ng		89
63) Azobenzene	10.604	77	759320	39.00	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	116276	40.04	ng		77
66) n-Nitrosodiphenylamine	10.563	169	581785	39.00	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	184223	39.17	ng		94
68) Hexachlorobenzene	11.004	284	200027	40.37	ng		99
69) Atrazine	11.086	200	166167	35.25	ng		96
70) Pentachlorophenol	11.198	266	240397	76.84	ng		99
71) Phenanthrene	11.416	178	999412	39.17	ng		99
72) Anthracene	11.469	178	1027848	40.38	ng		100
73) Carbazole	11.621	167	904704	37.74	ng		99
74) Di-n-butylphthalate	11.951	149	1045521	39.01	ng		98
75) Fluoranthene	12.610	202	1065876	39.42	ng		98
77) Benzidine	12.727	184	353541	31.19	ng		99
78) Pyrene	12.839	202	1087314	39.69	ng		99
80) Butylbenzylphthalate	13.457	149	450706	38.92	ng		94
81) Benzo(a)anthracene	14.033	228	945633	39.65	ng		97
82) 3,3'-Dichlorobenzidine	13.992	252	257634	32.50	ng	#	95
83) Chrysene	14.068	228	908910	38.81	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	601149	37.71	ng		100
85) Di-n-octyl phthalate	14.633	149	1016579	37.32	ng		96
87) Indeno(1,2,3-cd)pyrene	16.992	276	803800	37.94	ng		98
88) Benzo(b)fluoranthene	15.086	252	883258	41.02	ng		99
89) Benzo(k)fluoranthene	15.115	252	861595	44.13	ng		99
90) Benzo(a)pyrene	15.451	252	771662	40.19	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	676573	37.22	ng		99
92) Benzo(g,h,i)perylene	17.439	276	650844	38.87	ng		98

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

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