Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
Data File : BF123312.D
Acq On : 26 Feb 2021 20:22
Operator : JU/CG
Sample : M1475-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WA-CONMSD

Manual Integrations APPROVED
mohammad
3/1/2021 12:36:49 PM

Quant Time: Feb 26 23:28:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	113961	20.00	ng		0.00
21) Naphthalene-d8	8.133	136	464692	20.00	ng		#-0.01
39) Acenaphthene-d10	9.892	164	245984	20.00	ng		-0.01
64) Phenanthrene-d10	11.386	188	470507	20.00	ng		0.00
76) Chrysene-d12	14.039	240	406044	20.00	ng		0.00
86) Perylene-d12	15.504	264	366610	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	990548	125.11	ng		0.01
7) Phenol-d6	6.492	99	1219078	113.34	ng		0.00
23) Nitrobenzene-d5	7.416	82	892830	87.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	365943	146.10	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1463455	85.46	ng		0.00
79) Terphenyl-d14	12.980	244	1798946	85.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	136122	29.79	ng	#	77
3) Pyridine	3.469	79	363937	32.69	ng		94
4) n-Nitrosodimethylamine	3.398	42	211116	41.01	ng		83
6) Aniline	6.516	93	225890	17.78	ng	#	85
8) 2-Chlorophenol	6.639	128	400142	47.04	ng		93
9) Benzaldehyde	6.398	77	109516	15.90	ng		86
10) Phenol	6.504	94	510190	43.52	ng		99
11) bis(2-Chloroethyl)ether	6.587	93	402950	47.93	ng		95
12) 1,3-Dichlorobenzene	6.792	146	397294	44.90	ng	#	93
13) 1,4-Dichlorobenzene	6.869	146	400737	44.44	ng		95
14) 1,2-Dichlorobenzene	7.022	146	384307	45.81	ng		95
15) Benzyl Alcohol	6.998	79	401174	47.84	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.128	45	538014	46.65	ng		97
17) 2-Methylphenol	7.110	107	344656	48.18	ng		93
18) Hexachloroethane	7.363	117	154803	47.53	ng		96
19) n-Nitroso-di-n-propyla...	7.269	70	318061	49.70	ng		96
20) 3+4-Methylphenols	7.263	107	428147	45.57	ng	#	82
22) Acetophenone	7.263	105	579590	48.08	ng	#	91
24) Nitrobenzene	7.434	77	508627	47.52	ng		90
25) Isophorone	7.675	82	871006	45.88	ng		97
26) 2-Nitrophenol	7.751	139	212227	47.33	ng	#	87
27) 2,4-Dimethylphenol	7.786	122	326105	46.99	ng		94
28) bis(2-Chloroethoxy)met...	7.881	93	512242	51.56	ng		99
29) 2,4-Dichlorophenol	7.992	162	333418	46.53	ng		92
30) 1,2,4-Trichlorobenzene	8.075	180	349866	44.90	ng		99
31) Naphthalene	8.157	128	1140610	44.79	ng		99
32) Benzoic acid	7.939	122	286413	55.95	ng		88
33) 4-Chloroaniline	8.204	127	105553	10.18	ng	#	93
34) Hexachlorobutadiene	8.275	225	196072	44.61	ng		98
35) Caprolactam	8.581	113	102912m	42.80	ng		
36) 4-Chloro-3-methylphenol	8.692	107	432645	50.79	ng		87
37) 2-Methylnaphthalene	8.851	142	788023	46.45	ng		98
38) 1-Methylnaphthalene	8.951	142	740109	46.65	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	349014	47.48	ng	#	97
41) Hexachlorocyclopentadiene	9.004	237	327195	95.01	ng		97
43) 2,4,6-Trichlorophenol	9.128	196	248506	47.67	ng		94

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Sample : M1475-02MSD
Misc :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	271993	48.76	ng	#	89
46) 1,1'-Biphenyl	9.316	154	974269	47.74	ng		99
47) 2-Chloronaphthalene	9.339	162	748450	46.49	ng		97
48) 2-Nitroaniline	9.439	65	261279	45.29	ng	#	83
49) Acenaphthylene	9.757	152	1153713	47.24	ng		99
50) Dimethylphthalate	9.622	163	965355	52.48	ng		100
51) 2,6-Dinitrotoluene	9.680	165	216008	50.95	ng	#	78
52) Acenaphthene	9.927	154	927614m	55.09	ng		
53) 3-Nitroaniline	9.845	138	110554	23.50	ng	#	71
54) 2,4-Dinitrophenol	9.963	184	263763	118.44	ng		93
55) Dibenzofuran	10.104	168	1067167	46.81	ng		96
56) 4-Nitrophenol	10.022	139	369824	98.63	ng	#	61
57) 2,4-Dinitrotoluene	10.086	165	298877	52.43	ng	#	81
58) Fluorene	10.445	166	876349	48.84	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	231499	52.01	ng	#	84
60) Diethylphthalate	10.322	149	967311	53.10	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	430334	50.39	ng		97
62) 4-Nitroaniline	10.469	138	187016	39.48	ng		85
63) Azobenzene	10.598	77	1034572	49.29	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	173466	54.77	ng		90
66) n-Nitrosodiphenylamine	10.557	169	783629	48.16	ng		100
67) 4-Bromophenyl-phenylether	10.927	248	256277	49.96	ng	#	90
68) Hexachlorobenzene	10.998	284	273039	50.53	ng		96
69) Atrazine	11.086	200	236870	46.07	ng		97
70) Pentachlorophenol	11.192	266	351320	102.97	ng		99
71) Phenanthrene	11.410	178	1367298	49.14	ng		99
72) Anthracene	11.463	178	1396470	50.30	ng		99
73) Carbazole	11.621	167	1255599	48.03	ng		99
74) Di-n-butylphthalate	11.951	149	1573660	53.84	ng		99
75) Fluoranthene	12.604	202	1504971	51.03	ng		99
77) Benzidine	12.721	184	209211	15.95	ng		99
78) Pyrene	12.833	202	1527844	48.20	ng		99
80) Butylbenzylphthalate	13.451	149	718945	53.65	ng		88
81) Benzo(a)anthracene	14.027	228	1338947	48.52	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	183405	19.99	ng	#	98
83) Chrysene	14.068	228	1314640	48.51	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	1004350	54.44	ng		99
85) Di-n-octyl phthalate	14.627	149	1736354	55.09	ng		97
87) Indeno(1,2,3-cd)pyrene	16.992	276	1231972	48.62	ng		98
88) Benzo(b)fluoranthene	15.080	252	1394402	54.16	ng		99
89) Benzo(k)fluoranthene	15.115	252	1203835	51.57	ng		99
90) Benzo(a)pyrene	15.451	252	1143418	49.80	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	1035227	47.62	ng		97
92) Benzo(g,h,i)perylene	17.439	276	957278	47.82	ng		99

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

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